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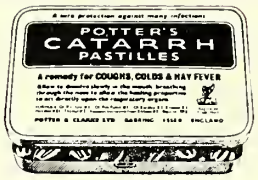

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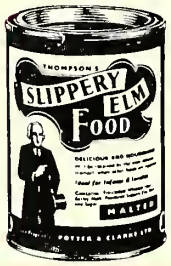

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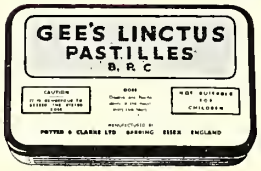

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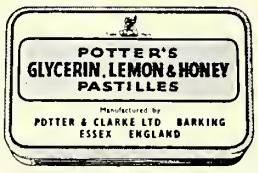

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Niacinamide	7 mg.
Vitamin B_{12} (as present in concentrated extractives from streptomyces fermentation)	1 microgram
Vitamin K (Menadione)	0.5 mg.
Folic Acid	1 mg.
Calcium (in $CaHPO_4$)	250 mg.
Phosphorus (in $CaHPO_4$)	190 mg.
Dicalcium phosphate anhydrous ($CaHPO_4$)	869 mg.
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Ferrous sulphate exsiccated	20 mg.
Manganese (in $MnSO_4$)	0.12 mg.

In bottles of 100 and 1,000

Lederle

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Cyanamid PRODUCTS LTD. LONDON, W.C.2

A

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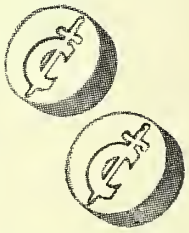

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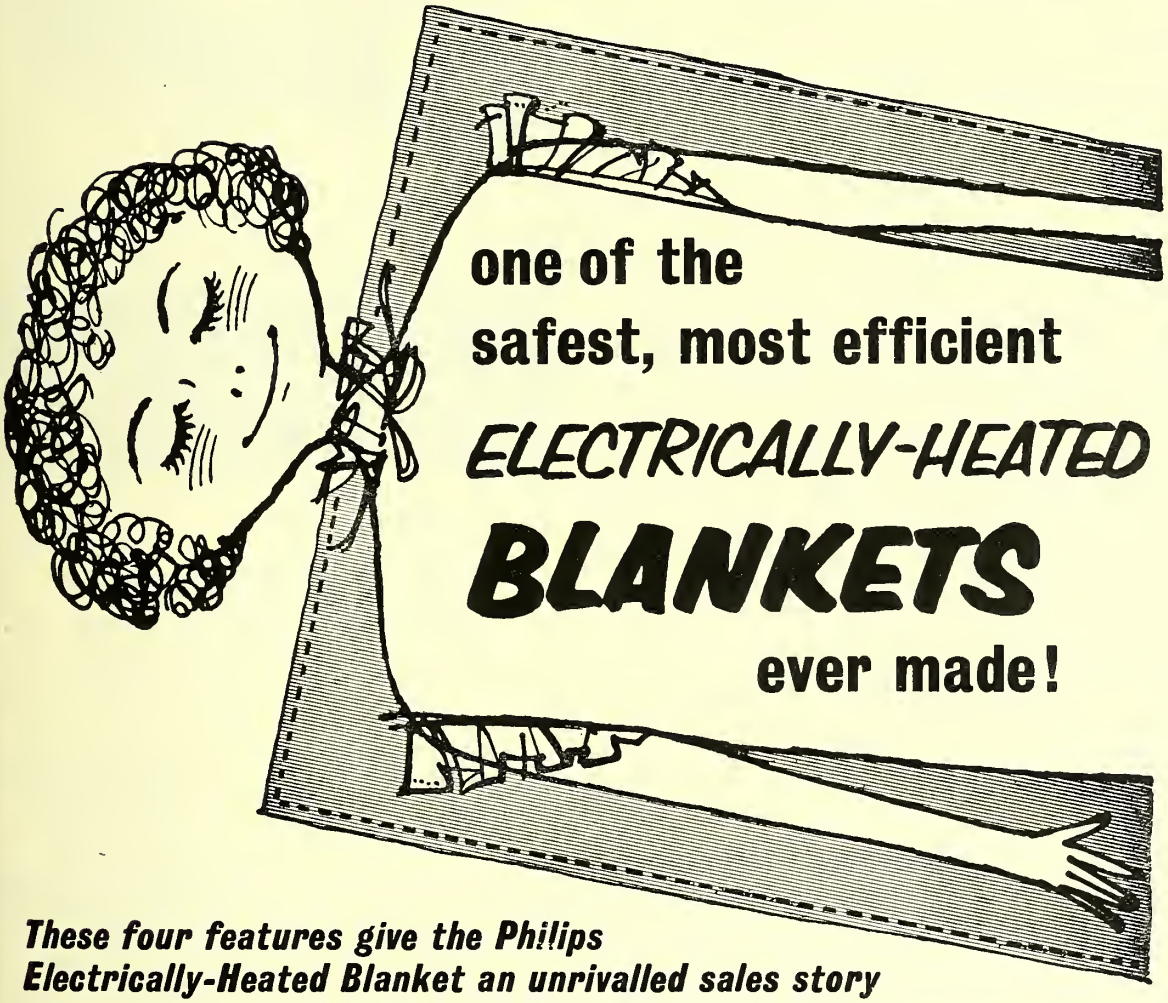

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These four features give the Philips Electrically-Heated Blanket an unrivalled sales story

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The 'grid' wire circuit is so designed that no two parts of the wire can come together and cause overheating. This design allows only a very low current to pass through the circuit generating a gentle heat to all parts of the blanket.

✱ **THE INSIDE STORY**
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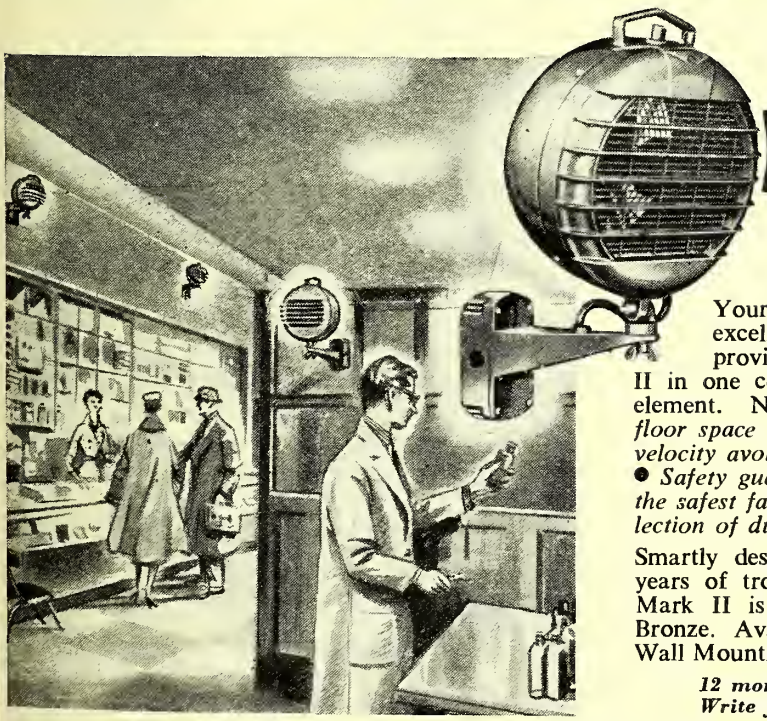

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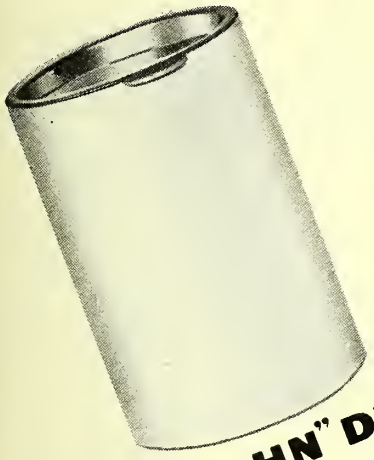

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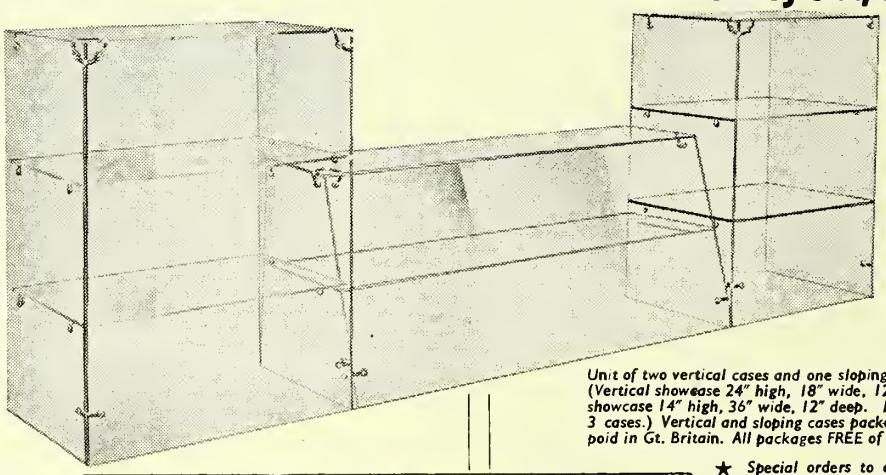
It's crystal clear . . .

The more they SEE, the more they BUY



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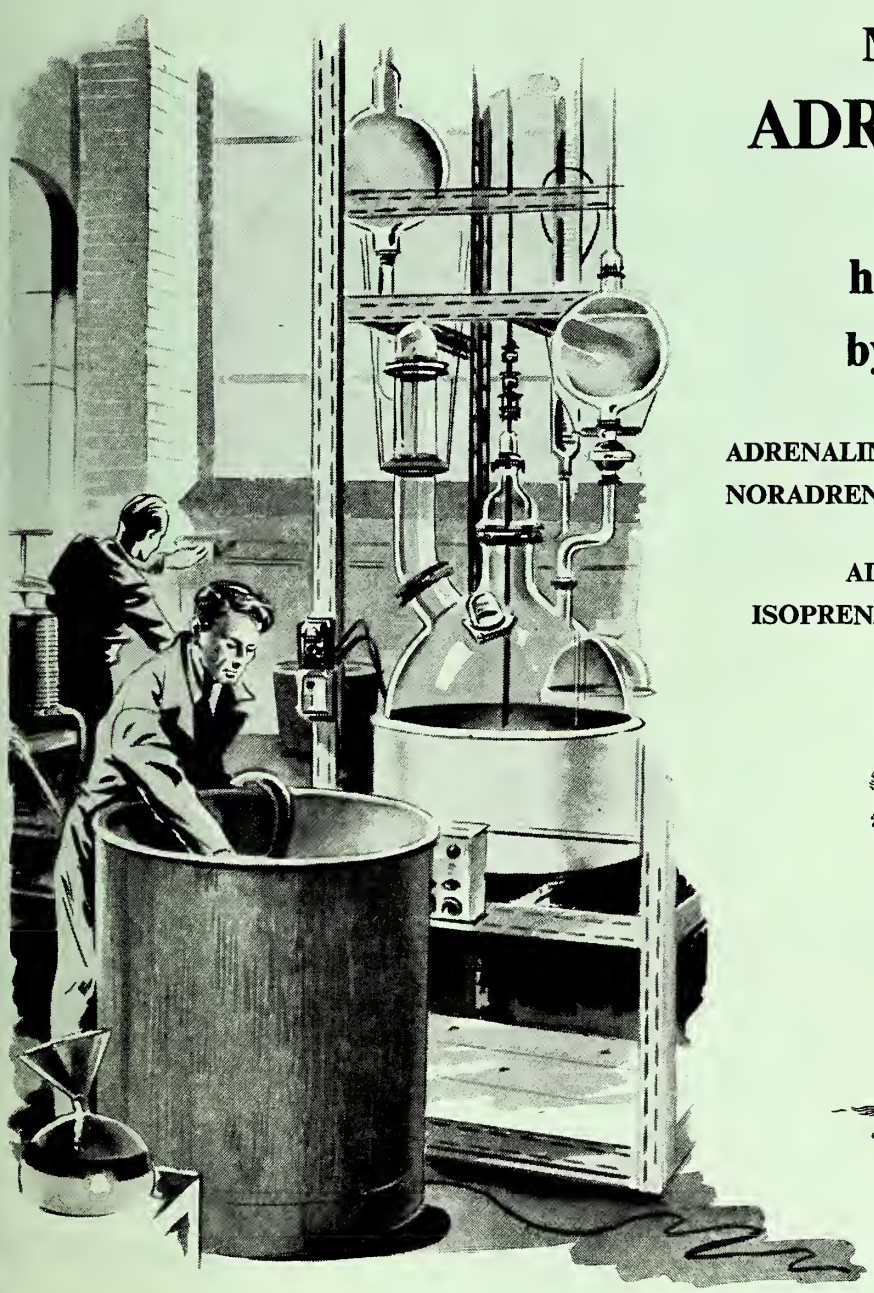

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Placed before March 31st for delivery when you wish
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DEMAND WILL BE GREAT Get your ORDERS OFF NOW—supplies may be limited later

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4oz	6oz	12oz GARDEN
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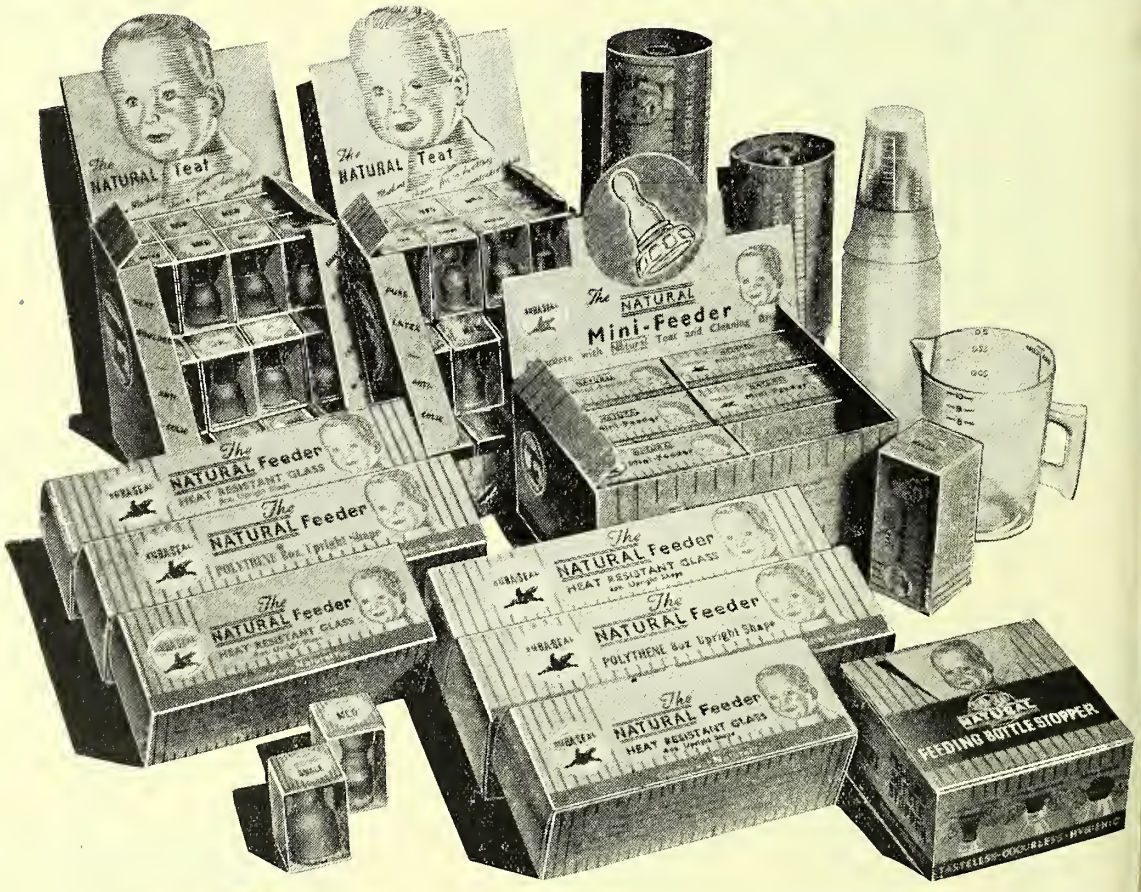

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SUBA-SEAL NATURAL

Baby Feeding Requisites

OFFER

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TO INTRODUCE A BRAND NEW RANGE

For a long time we have, at the request of our Chemist friends, been working on a new range of products for the Chemist—SUBA SEAL NATURAL baby feeding requisites—and just when perfection had been achieved and a strong advertising programme booked in national women's magazines, came the petrol situation making it impossible for our representatives to get round before the advertising starts in mid-January.

This unusual situation called for an unusual step so we are offering to every Chemist the complete representative range of these new baby feeding products so that no one need be without them when the advertising starts. This pack is being offered on special terms and at a special bonus offer rate as shown below.

To receive your pack in good time please write or telephone your order and the pack will be sent carriage paid.

William Freeman & Co. Ltd. are the actual manufacturers and because they have complete control they can ensure—

CONSISTENCY OF QUALITY
CONTINUITY OF SUPPLY
MAINTENANCE OF SERVICE
THE DEVELOPMENT OF RESEARCH
STABILISATION OF PRICES

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LESS SPECIAL DISCOUNT 5% =	£3 16 11	
LESS $2\frac{1}{2}$% SETTLEMENT 30 DAYS =	£3 15 0	
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WILLIAM FREEMAN & COMPANY LIMITED

SUBA-SEAL WORKS, PEEL STREET, BARNSLEY

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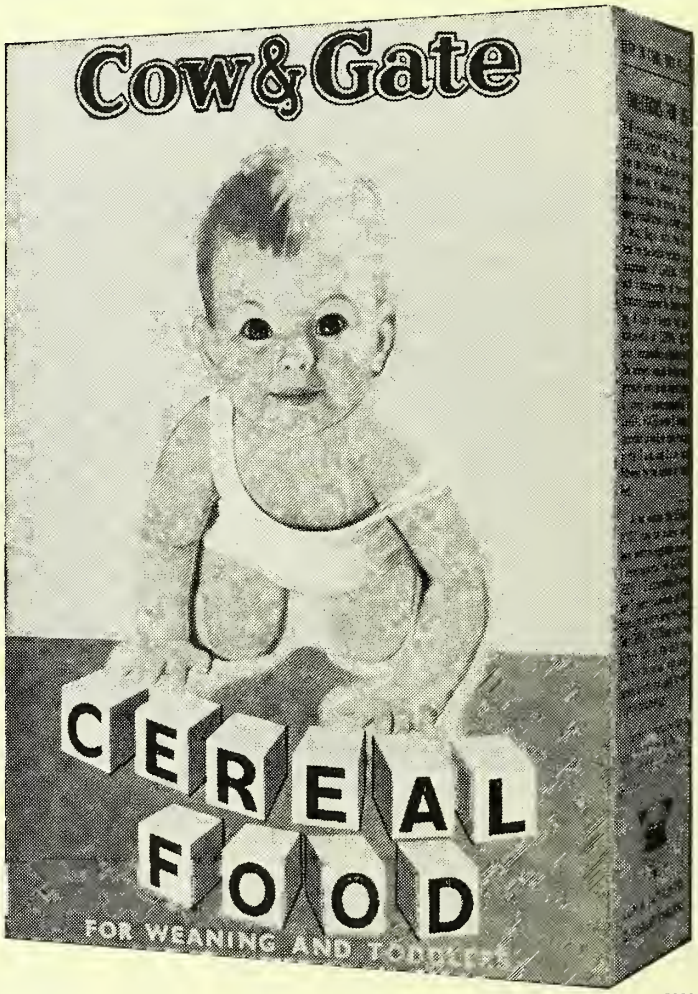
Smiler now introduces his new friend on Television!



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To make sure that **all** your customers know about this new product—Cow & Gate CEREAL FOOD—we are following up our National Consumer Press campaign with nation-wide television coverage starting on January 19th.

Be prepared for the rush!

Cow & Gate CEREAL FOOD is packed in full colour 8-oz. cartons, 1 dozen to the outer, and retails at 1/6d.

Trade price 14/5d. per dozen.

Trade price 13/9d. per dozen (*minimum direct order 2 dozen*).

Trade price 13/6d. per dozen (*minimum direct order 6 dozen*).

Carriage paid on 2 dozen and over.

Please address your enquiries and requests for promotion matter to:—

COW & GATE LTD., Guildford, Surrey.

There are three sizes of pack:

HANDY SIZE	3/-
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LARGE ECONOMY SIZE	21/-

Calgon water softener now free-flowing quick-dissolving in new easy-to-pour packs

makes all water softer than dew

Calgon Water Softener, already so popular and so widely used in a great many households throughout the country, now has new advantages that make it even more acceptable to housewives—and a most profitable line for you. Now free-flowing, quick-dissolving, in attractive new easy-to-pour packs, Calgon provides immediate increased turnover and a very good margin of profit. National publicity—including press and television advertising and powerful point-of-sale displays—makes it certain that a continuing and growing demand will bring permanent repeat business. *So now is the time to take up and develop this valuable line.*

Calgon has been awarded the Good Housekeeping Institute seal of guarantee, and is specially recommended by washing machine manufacturers.

Serial No ★ 3210
BRITISH
GOOD HOUSEKEEPING INSTITUTE
GUARANTEES
REFUND OF MONEY OR REPLACEMENT IF NOT IN CONFORMITY WITH THE INSTITUTE'S STANDARDS

CALGON BRINGS YOU NEW TURNOVER AND NEW PROFITS—

It is not a soap powder or a detergent but simply a water softener. When it is added in small quantities to any washing water in the home, even the hardest water becomes delightfully soft and silky.

Write for full details of distribution arrangements and trade terms to:

ALBRIGHT & WILSON LTD

Domestic Sales Department • 49 Park Lane • London W1 • Tel: Gro 1311

TBW/435

Introducing

COLLOZETS

Crooks new antibacterial lozenge

potent — safe — pleasant to take

You can expect many prescriptions for COLLOZETS — a simple, effective local treatment of mouth infections and sore throats due to coughs and colds. Based on an entirely new concept — the synergistic combination in one lozenge of tyrothricin and a quaternary ammonium compound — COLLOZETS bring speedy and prolonged relief from pain and irritation.
The lozenges, though extremely potent, are completely non-toxic and may safely be given to children.

COLLOZETS
Trade Mark

each lozenge contains: 1 mg. tyrothricin
2 mg. cetylethyldimethylammonium ethyl sulphate in pleasantly flavoured base

packing: 18 foil-wrapped lozenges in each pack

retail price: 3/- per box, inclusive of P.T.

THE CROOKES LABORATORIES LIMITED · PARK ROYAL · LONDON · NW10

I.C.I. can help you sell Polythene Houseware made from 'Alkathene'

Discuss the nation-wide Publicity Campaign for 'Alkathene' with I.C.I. representatives on Stand No. 90 N.H. at the Hardware Trades Fair from February 25th to March 1st and see for yourself the free Publicity Aids available.

THIS IS THE LABEL YOUR CUSTOMERS LOOK FOR

Articles bearing this label are made from 'Alkathene'—the sign of the highest quality.

'Alkathene' is the registered trade mark for the polythene made by I.C.I.

IMPERIAL CHEMICAL INDUSTRIES LIMITED · LONDON · S.W.I

AH.14/T/B

introducing sterisil

TRADE MARK

A New Gel for the treatment of Vaginitis

Sterisil is effective for the treatment of all vaginal infections. It is recommended that a course of 12 applications be followed, even though a clinical cure may be achieved after six.

Sterisil Vaginal Gel is odourless and does not stain.

Sterisil is being brought to the notice of doctors by our representatives and by advertisements in the medical press.

OMNIS ORBIS
WARNER

You will shortly be receiving prescriptions for this important product.

Sterisil is available as a set containing a tube of vaginal gel, sufficient for six treatments, and six disposable applicators.

PRICES

$1\frac{1}{2}$ oz. tube: retail price 16/- each (inc. P.T.) list price 106/8d per doz. (exc. P.T.) purchase tax 32/- per doz.

sterisil

TRADE MARK

WILLIAM R. WARNER & CO. LTD. LONDON W.4.

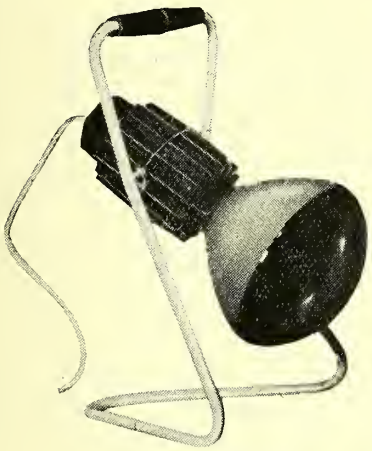
STER 340/21

The season for health lamps is here again...

Stock up with PHILIPS INFRAPHIL and SUNLAMP (Made in Holland)

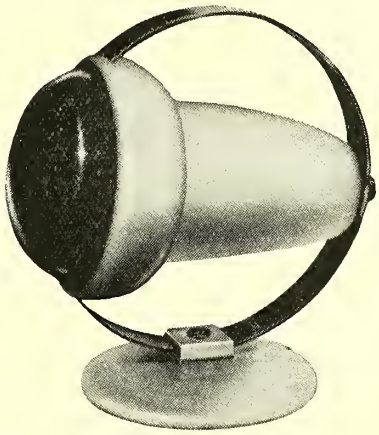
This month, Philips are taking full-page advertisements in the medical press. These will remind doctors of the three Philips portable infra-red and ultra-violet lamps now available for home treatment. Naturally, you stand to gain extra sales from this campaign.

N.B. *These Philips lamps must only be sold when a signed medical certificate is produced.*



INFRAPHIL *Model 'B'*

Of all Philips Health Lamps, this is the lightest in weight and lowest in cost. It can be used off any AC/DC mains point on 110-250 voltage range. **Price £3 3s. 0d.**

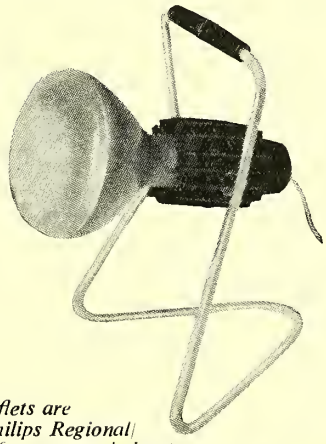


INFRAPHIL *Model 'A'*

This lamp has a robust, streamlined stand, the base of which can be easily fixed to a wall for downward irradiation. It has a protective casing which lessens the likelihood of damage and makes it an ideal lamp for travelling. AC/DC mains, 110-250 v. **Price £4 4s. 0d.**

Ultra-violet **SUNLAMP**

This well-designed and versatile ultra-violet lamp is both safe and simple to use. For AC mains, 200-250 v. only. **Price £5 17s. 6d.,** *complete with protective goggles.*



Showcards and leaflets are obtainable from Philips Regional Branch offices, or from your wholesaler.

PHILIPS

PHILIPS ELECTRICAL LIMITED

ELECTRICAL APPLIANCES DIVISION • CENTURY HOUSE • SHAFTESBURY AVENUE • LONDON • W.C.2

(INF1073)

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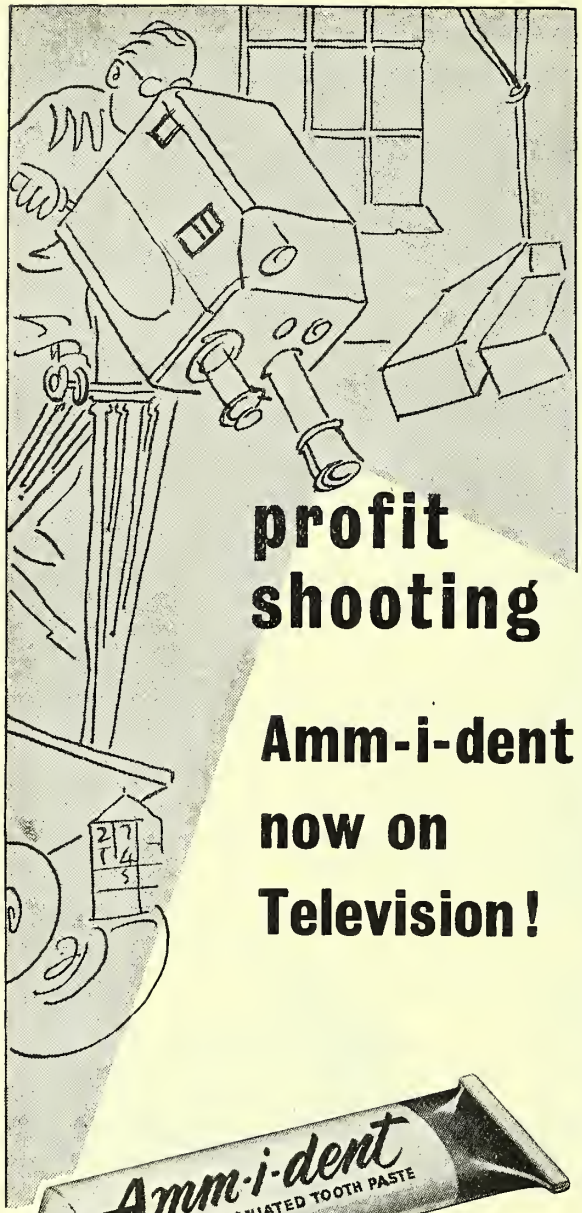


Watch for Amm-i-dent on your TV. screen—every showing means more profits for you!

Amm-i-dent
TOOTHPASTE

STAFFORD-MILLER LTD.
166 Great North Road, Hatfield, Herts.

A New Development in Retail Sales Forces for Introductory Selling

At some time or another most manufacturers require the services of a sales force for a short period in order to launch a new product, open up new areas or increase distribution amongst retailers for existing products.

Sales teams are available for hire for these purposes but they are expensive. We have devised a new type of temporary sales force which is available in every town throughout the country at a low cost.

We have on our payroll over 1,000 good class women, many with cars, and they can be employed as required in the locality where they are needed. All have been carefully checked and interviewed by our permanent force of 60 senior inspectors.

The greatest saving is effected by the fact that this labour force is resident in its own town and no hotel expenses are incurred.

The force can be divided into two groups, with cars, and without.

In any large town retail canvassing is better done without a car rather than with. A car increases the calling rate only very slightly and the extra cost is not justified except when either goods or display material have to be carried. In scattered areas a car is essential. The two groups are available at the following basic prices:

WITHOUT CARS	WITH CARS
£12–12–0 per week	**£17–17–0**

The price includes all travelling expenses, all administrative work including the planning of the operation, handling orders, reports and final analysis. There are no additional costs except a bonus payment to personnel on sales achieved. This payment to be agreed between us and the manufacturer.

Women make very good travellers. In fact, in many cases, they score over the ordinary man traveller.

The force is large and a full scale national operation can be mounted. It is also possible to canvass all retailers in an area in a short space of time.

This sales force is additional to our normal force of highly trained men salesmen for which the basic cost per man is £18 18s. 0d. per week plus travelling expenses and commission.

Should you require a sales force for a short period in any part of the country get in touch with us for an estimate.

SPECIAL NOTICE

During the period of Petrol Rationing Sales force with cars will be restricted.

J. B. A. SUTHERLAND LTD.
54 Great Marlborough St., London, W.1
Gerrard 0068

CURRENT BONUS OFFERS

'TYROZETS'

TRADE MARK

12 for the price of 11. Any quantity may be ordered—but minimum parcel 6 dozen vials.

and

'SUCRETS'

TRADE MARK

12 for the price of 11. Any quantity may be ordered—but minimum parcel 6 dozen tins.

finishing 31ST JANUARY

MSD MERCK SHARP & DOHME LIMITED, HODDESDON, HERTS

VAPEX ON I.T.V.

MAKES 16,000,000 IMPACTS

For products sold only through Retail Chemists

SPECIAL BONUS OFFERS

5% on a £3 PARCEL

7½% on a £5 PARCEL

10% on a £10 PARCEL

which can include any assortment of the following products :—

Vapex Inhalant 3s. - Vapex Inhalers 2s. - Vapex Pastilles NOW 1/6d
Vapex Rub 2s. - Vapex Lozenges 6d.

THOMAS KERFOOT & COMPANY LIMITED
Vale of Bardsley and London

D 144

GALENICALS

for WINTER DISPENSING

Manufactured under strict supervision from finest quality ingredients.

RICHARD DANIEL & SON LTD.
MANUFACTURING CHEMISTS
MANSFIELD ROAD DERBY. TEL.: 40671 (8 lines)
And at GROSVENOR ST., ASHTON-u-LYNE. Tel.: 2816 (3 lines)

THE "INVISIBLE" HAIR-SET

- ★ In the self-spray bottle
- ★ The perfect promotion for the damp days ahead
- ★ Everyone will be needing ROSEDALE lacquer
- ★ make sure you have it
- ★ ROSEDALE products are being nationally advertised in women's magazines
- ★ Wholesale 20/- per dozen plus purchase tax
- ★ Retails at 4/6 per bottle showing 75% profit

ROSEDALE PRODUCTS · BIRKBECK ROAD · E.8

Be sure to visit the

PACKAGING EXHIBITION

at OLYMPIA, LONDON

(NATIONAL & EMPIRE HALLS)

January 22nd to February 1st, 1957

From all over the world, manufacturers will be coming to London this January for the INTERNATIONAL PACKAGING EXHIBITION. This Exhibition is the largest of its kind. It will show all the latest developments in packaging; in fact, it will to a certain extent be a projection into the future of packaging. Here you will see the newest methods and designs with advanced machinery and a galaxy of materials all available for reducing packaging costs, saving space and protecting products more efficiently. The growth of your sales, even the maintenance of your present sales, may depend on improved packaging. It is at this Exhibition that you will get the right ideas to combat both home and overseas competition.

Organised by **PROVINCIAL EXHIBITIONS LTD.**
In association with **F. W. BRIDGES & SONS LTD.**
in collaboration with the **INSTITUTE OF PACKAGING** *London.*

Write for details to PROVINCIAL EXHIBITIONS LTD., *City Hall, Deansgate, Manchester*

MOTHAKS

Great New BONUS OFFER

LOOK OUT FOR FURTHER DETAILS IN THE POST!

Order 1 gross or over of MOTHAKS NOW, for delivery before 1st April, and benefit by this great BONUS OFFER.

5/- SPECIAL DISCOUNT ON EVERY GROSS

Orders for immediate delivery or by 1st April will be invoiced "as 1st May," if desired.

Have MOTHAKS on your counter NOW

THE NEW SUCCESSES . . .

MOTHAK FLY SPRAY

A certain seller last season. The name MOTHAK and unique lavender perfume assure even greater success. Economical in use, 5/6d.

MOTHAK POWDER

Protects carpets and upholstery. Lavender perfumed; customers like it. Handy puffer pack sells at 1/4d.

2½% EXTRA DISCOUNT on all combined orders for MOTHAKS, MOTHAK POWDER, MOTHAK FLY SPRAY and PARADOR AIR FRESHENER.

FURTHER DETAILS ARE BEING SENT TO YOU

THOMPSON & CAPPER LTD.
SPEKE · LIVERPOOL

Advertising Campaign

In 1957 the advertising campaign is bigger than ever before. It starts with a special spring-time appeal and continues right through the whole season.

Daily Express Daily Telegraph
News Chronicle Daily Herald
Daily Mail Daily Mirror
Daily Sketch
Sunday Express Sunday Pictorial
People News of the World
Woman Woman's Own
Woman's Illustrated Woman's World
Woman's Weekly Wife & Home
Home Companion Home Chat
Home Notes My Home
T.V. Times Radio Times
and all leading Provincial Newspapers

PLUS

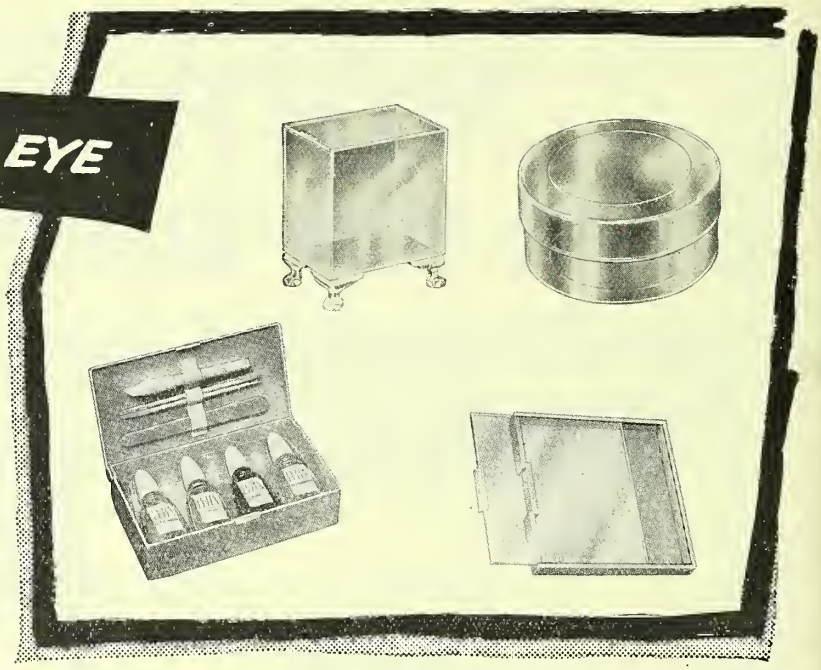
FOR THE FIRST TIME

A SPECIAL TV SERIES ON ALL STATIONS

ARREST THE EYE

Increase your sales

Irresistible for their after-sale appeal and offered at surprisingly low cost, these containers will help your products to sell themselves. Choice of 40 designs, write for brochure and free sample.



The Plastic Box Company Limited

MARKET RASEN · LINCS · ENGLAND · Tel: Mkt. Rasen 2121

BICKIEPEGS LTD.

announce the following revision of Retail Prices to come into effect as from

1st February 1957

	TRADE PRICE per doz.
Bickiepegs small 1/4 per pkt.	12/-
large 2/- ,, ,,	18/-
Chu Chu Rusks 1/9 ,, ,,	15/9
Toddlers' Crusts 1/8 ,, ,,	15/-
Bickiepeg Broth small 1/4 per jar	12/-
large 2/6 ,, ,,	22/6
Fortigen 1/10 per pkt.	16/6

Sole distributors:
Messrs. MAY, ROBERTS & CO. LTD.
47 STAMFORD HILL, LONDON, N.16

RESTRICTIVE TRADE PRACTICES ACT

RETAIL PRICE CONDITIONS NOTICE

All goods marketed by Jeyes-Ibco Sales Ltd., are sold subject to the observance by the buyer of the fixed wholesale or retail prices (as the case may require) notified from time to time in our price lists, circulars and advertisements issued to the trade. It is a further condition of sale that the buyer, if a wholesaler, shall on resale of the goods impose similar conditions to his retail customers.

JEYES-IBCO SALES LTD
RIVER ROAD · BARKING · ESSEX

a name in the news . . .

It is notable news indeed that Delta-Cortef will be released to General Practitioners from February 1st 1957. Previously available to hospitals only, Delta-Cortef shows an antirheumatic activity some 3 to 5 times greater than hydrocortisone—combined with a remarkably low incidence of unwanted side-effects.

The new drug will sometimes secure a fully satisfactory response in rheumatoid arthritis where cortisone or hydrocortisone have failed. For these and many other reasons you can anticipate a fast-growing volume of prescriptions for Delta-Cortef.

Place your order with your wholesaler NOW to ensure delivery on February 1st

Delta-Cortef*

Brand of Prednisolone (Delta-1-Hydrocortisone)

the improved hydrocortisone

Tablets (5 mg.) : in bottles of 30 and 100

Upjohn

* Trademark

Upjohn of England Ltd.
4 Aldford Street · London W1

E

A NEW *and* EFFECTIVE *Stomach Treatment*

Etsonal REGD

STOMACH TREATMENT

● Therapeutic ingredients to highest B.P. standards will relieve distress in many forms of stomach trouble. Because of its active constituents, Etsonal gives positive protection against the causes of conditions such as ulcerations and makes an actual contribution to the re-establishment of healthy tissue. Used in conjunction with planned diet over a period of six months, ETSONAL has proved successful in privately conducted tests.

Descriptive leaflets are available for counter distribution and supplies will be sent free on application or with orders.

Taken before meals Etsonal is safe and effective for indigestion, dyspepsia, pain and distress after eating, loss of appetite, acidity and many other stomach disorders. Etsonal is a delicately balanced compound which must be kept in cool, dark storage.

Retail Price 7/6 per bottle.

TRADE ENQUIRIES TO:

★ THE PETSAN COMPANY

42 CLAYTON PARK SQUARE, JESMOND, NEWCASTLE-UPON-TYNE, 2

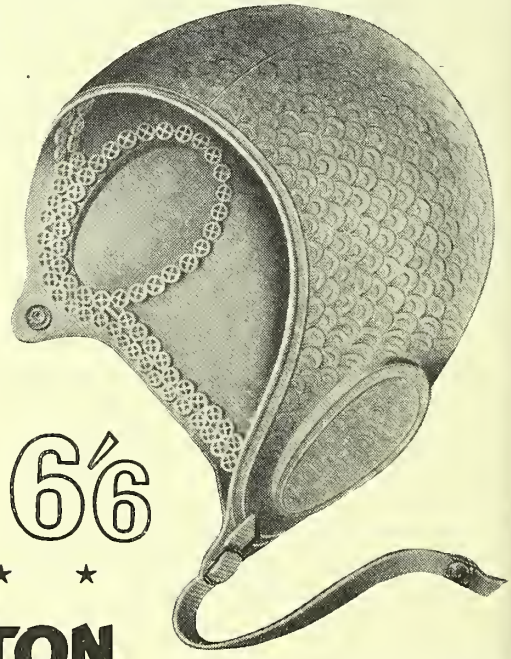
★ *INTRODUCTORY OFFER — Pharmacists are invited to place orders for regular supplies of ETSONAL and on all invited orders (minimum 3 dozen bottles) ONE QUARTER-DOZEN BOTTLES WILL BE SUPPLIED FREE.*

1957 Advertising in the DAILY EXPRESS · DAILY MIRROR DAILY MAIL · SUNDAY PICTORIAL · SUNDAY EXPRESS WOMAN · WOMAN'S OWN etc . . .

will help you sell more of the Famous

Submarine REGD. TRIDENT

THE MOST *Comfortable* SWIMMING CAP EVER PRODUCED



6/6

Last season many orders were received direct from the public who could not obtain supplies locally. To avoid disappointing YOUR customers this season please make sure you have sufficient stocks of the watertight swimming cap that is so comfortable, it's a joy to wear.

★ ★ ★ ★ ★ ★ ★ ★ ★

Submarine REGD. SKELETON

made especially for men who like or need ear protection. Adjusts to fit any head size. Black only. Price 8/6.

Obtainable from all good wholesalers or from:

W. W. HAFFENDEN LTD., RICHBOROUGH RUBBER WORKS, SANDWICH, KENT.

Telephone: Sandwich 3381.

The Submarine range comprises Clipper 2/9 Standard 3/3 Penguin 3/11 and Seal 4/11 inc. P.T.

Muffler Time is 'Kepler' time! Mothers realise how valuable 'Kepler' is during the winter in providing extra nourishment, promoting sturdy growth and building up defence against infection. On their guard against the severity and possible epidemics of the coming months, they will be asking you for 'Kepler'—not only for the children, but for the adults in the family too! If your stock of 'Kepler' is not large enough to deal with this winter's demand, order now.

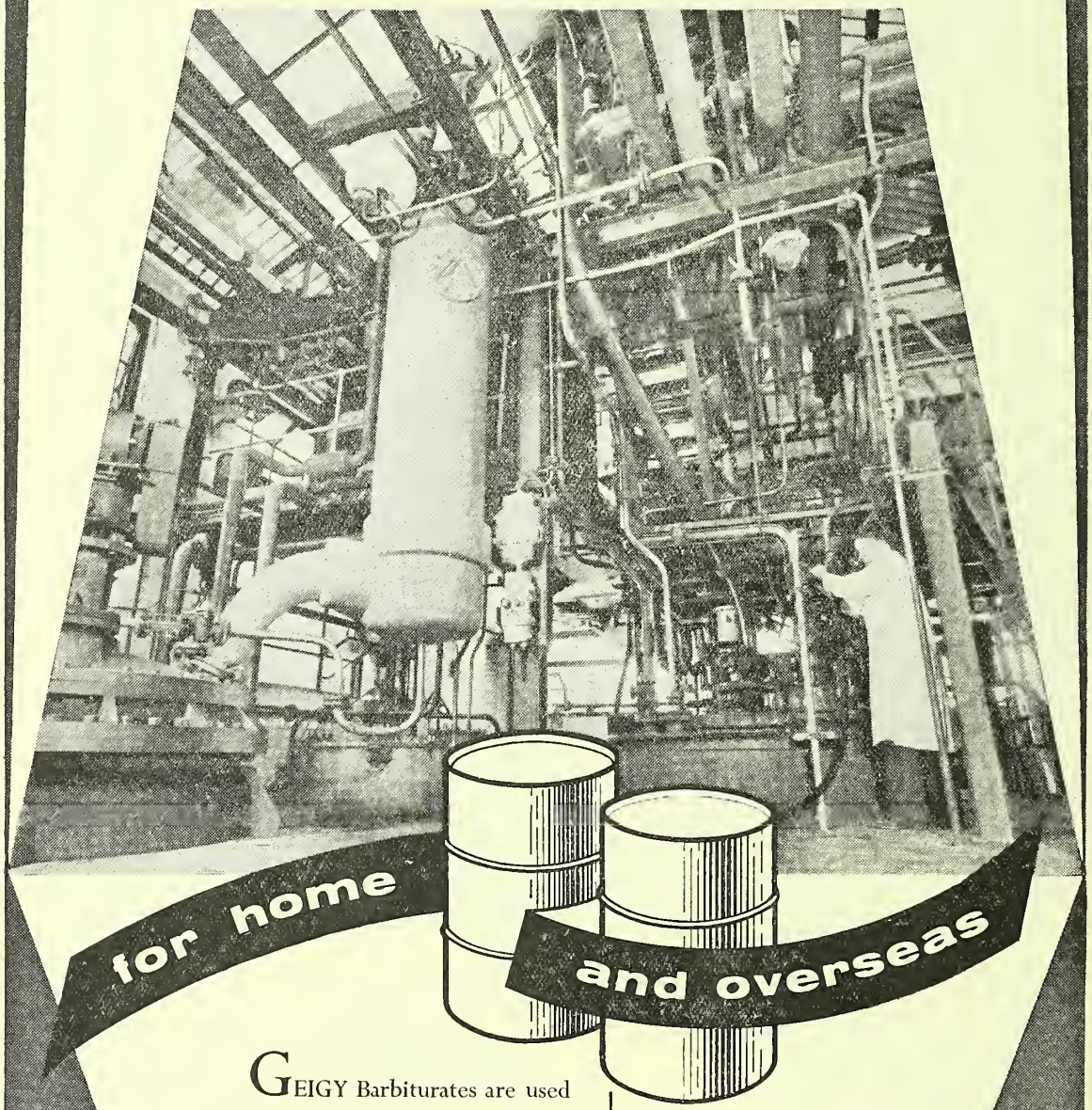
'KEPLER' BRAND

COD LIVER OIL WITH MALT EXTRACT

Protects the bodies it builds

BURROUGHS WELLCOME & CO. *(THE WELLCOME FOUNDATION LTD.)* LONDON

BARBITURATES in BULK...



GEIGY Barbiturates are used with confidence by the Medical Profession in all parts of the world. They are produced in large quantities in our own works to the highest possible pharmaceutical standards of purity.

Phenobarbitone B.P.
Phenobarbitone Sodium B.P.
Barbitone B.P.
Barbitone Sodium B.P.
Butobarbitone B.P.C.
Amylobarbitone B.P.C.
Amylobarbitone Sodium B.P.C.
Cyclobarbitone B.P.C.
Cyclobarbitone Calcium
Hexobarbitone B.P.
Methylphenobarbitone B.P.
Quinalbarbitone Sodium B.P.

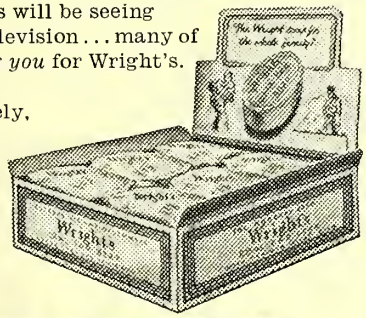
GEIGY PHARMACEUTICAL COMPANY LTD geigy MANCHESTER

FC.26

CONSISTENT LOCAL & NATIONAL ADVERTISING NOW SUPPORTED BY

TV ADVERTISING

This potent new medium means quite a lot to the keen retailer. Yet another arm (and a mighty strong right one at that) has been added to Wright's national selling force. Each week millions of potential customers will be seeing Wright's on their television . . . many of them will be asking *you* for Wright's. One good idea is to stock up immediately, don't you think?



NOW is the time to stock up and DISPLAY

WRIGHT'S
COAL TAR SOAP
In Toilet and Bath Sizes

THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

The weekly newspaper for pharmacy and all sections of the drug, pharmaceutical and fine chemical, cosmetic, and allied industries

Official organ of the Pharmaceutical Society of Ireland and the Pharmaceutical Society of Northern Ireland

Volume 167 January 19, 1957 No. 4013

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ANNUAL SUBSCRIPTION,
which includes The Chemist and Druggist Diary and Year Book, £2. Single copies one shilling each.

The Roche antibiotic is now available

'ROMICIL'

TRADE MARK BRAND

OLEANDOMYCIN

Highly active against a wide range of pathogenic organisms, *'Romicil' does not disturb the normal bacterial flora of the gastro-intestinal tract.*

'Romicil' is easily absorbed, and high concentrations are obtained in the tissues; it is well tolerated, and is not destroyed in the alimentary tract.

Dosage: *Children.* 3 mg. to 5 mg. per pound body-weight daily, divided into four doses. These doses can most conveniently be given by using the 100 mg. capsules.

Adults. Initial dose 500 mg. to 1000 mg., followed by 250 mg. to 500 mg. every six hours

Packings. Capsules 100 mg. in packings of 12 and 100.
Capsules 250 mg. in packings of 12 and 100.

ROCHE PRODUCTS LIMITED, 15 MANCHESTER SQUARE, LONDON, W.1.

WELLCOME INSTITUTE LIBRARY
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Coll.
No.

The CHEMIST AND DRUGGIST

Volume 167 JANUARY 19, 1957 No. 4013

Colouring of Tablets

SOCIETY ABANDONS FORMER POLICY

NO useful purpose would be served by maintaining present policy on the colouring of tablets, states the Council of the Pharmaceutical Society of Great Britain in a recent letter to the British Pharmacopœia Commission.

While Council members maintain their opinion of the disadvantages attendant on the use of colour in tablets their present view is that the policy as expressed in the statement in the current Pharmacopœia [The addition of colouring other than that specified in the monographs is not official] is no longer tenable. The British Pharmacopœia Commission which, after a meeting in September 1955 with interested parties, decided to retain the statement in the next Pharmacopœia, sought the views of the Council after recent representations on the matter from the Association of British Pharmaceutical Industry and the Canadian Pharmaceutical Manufacturers' Association. The Commission is reconsidering the matter.

Cabinet Changes

APPOINTMENTS ANNOUNCED

THE following were among Cabinet appointments recently announced:

CHANCELLOR OF THE EXCHEQUER: Mr. Peter Thorneycroft.

PRESIDENT OF THE BOARD OF TRADE: Sir David Eccles.

HOME SECRETARY AND LORD PRIVY SEAL: Mr. R. A. Butler.

MINISTER OF AGRICULTURE, FISHERIES AND FOOD: Mr. D. Heathcoat Amory (unchanged).

MINISTER OF LABOUR AND NATIONAL SERVICE: Mr. Iain Macleod (unchanged).

MINISTER OF HOUSING AND LOCAL GOVERNMENT, AND MINISTER FOR WELSH AFFAIRS: Mr. Henry Brooke.

MINISTER OF POWER: Sir Percy Mills.

SECRETARY OF STATE FOR SCOTLAND: Mr. J. S. Maclay.

Purchase Tax Notices

CASES FOR RAZORS: ENDORSING INKS

FOLLOWING further discussions with the trade, the Commissioners of Customs and Excise have decided as an experimental measure to regard as outside the scope of group 23 of the purchase tax schedule all boxes and cases of the kinds used as containers for among other goods), razors at the time of the sale of those articles by retail. Where the cases are in use when the goods pass the tax point, their value must be included with that of the contained articles for the purpose of assessment. The decision operates from January 1 and cancels the previous notice (*C. & D.*, December 29, 1956, p. 700). The Commissioners have also decided that endorsing inks, with the exception of the special kind used for marking or stamping on metal, glass, etc. (sometimes known as opaque ink), will, in future, be chargeable only when in individual containers of less than 16 fluid oz. The special kind mentioned will not be chargeable whatever the size of the containers.

Shilling Levy

DOCTORS PROTEST ABOUT RESOLUTION

DOCTORS at a meeting of the Surrey Executive Council at Surbiton on January 9 took exception to a passage in a resolution submitted by the Surrey Federation of Trades Councils, protesting against the shilling-an-item levy on prescriptions. The passage stated that the charges would create difficulties for pharmacists and might lead to doctors—in an effort to save the patient money—not prescribing all they felt to be necessary. DR. N. E. WATERFIELD said that the suggestion that doctors were not likely to do their duty because of the charges was a reflection on the medical profession. MR. J. T. PYNE suggested that the phrase did not bear the meaning that Dr. Waterfield imputed to it. The Council decided to inform the Federation that the resolution might be construed to bear a meaning not intended, to draw the Federation's attention to the doctors' terms of service, and to state that the Council was confident that the doctors would continue to provide all the treatment necessary for their patients.

University Lectures

CHEMOTHERAPY OF VIRUS DISEASE

A COURSE of two special London University lectures in pharmacy on "Approaches to the Chemotherapy of Virus Diseases" is being given by Dr. E. Weston Hurst (head of the subdivision of micro-organismal research, biological department, Imperial Chemical Industries, Ltd., pharmaceuticals division) at Westminster Medical School, Horseferry Road, S.W.1, at 5.30 p.m. on February 14 and 15. The lectures are addressed to students of the University and to others interested in the subject and admission is free, without ticket. Chairman at the first lecture will be Professor E. Shotton (professor of pharmaceutics, University of London).

Among subjects of public lectures arranged for the spring term, 1957 (announced in the *University of London Gazette* Supplement, January, price sixpence) are "Neurochemistry" (January 22, Professor H. McIlwain), "Factors Influencing the Action of Neuromuscular Blocking Substances" (January 24, Dr. E. J. Zaimis), "Causes of Pain" (January 29, Professor C. A. Keele), and "The Synthesis and Degradation of Polysaccharides" (February 14, Dr. W. J. Whelan). All those lectures are being given at the London School of Hygiene and Tropical Medicine at 5.30 p.m. on the dates stated.

London's Health in 1956

LOWEST TUBERCULOSIS DEATH RATE

THE death rate from tuberculosis in London during 1956 was the lowest recorded according to a preliminary report issued on January 5 by Dr. J. A. Scott (London County medical officer of health). There were just under 4,000 notifications of the disease in the year, compared with 4,122 in 1955, and the death rate was 0·14 per 1,000 (0·17 per 1,000 in 1955). A total of 22,000 thirteen-year-old children received B.C.G. vaccinations. The incidence of measles is described as "light"; the incidence of whooping cough was above normal but mortality was low (there were only four deaths). Three deaths from scarlet fever, two from diphtheria,

P.A.T.A. PRESIDENT INVESTED: Mr. Norman Dewey, outgoing president of the Proprietary Articles Trade Association, investing his successor, Mr. Leslie D. Smith, with the badge of office which he himself had received from Mr. C. W. Maplethorpe on behalf of Allen & Hanburys, Ltd., earlier in the day.

one from enteric fever, twenty-six from infantile diarrhœa (under two years of age) are recorded. Although it is noted that the incidence of enteric fever was below that of 1955 the report states that it was still above the average of recent years. The fatality rate for poliomyelitis was 5·9 per cent. compared with 2·7 in 1955, 4·8 in 1954, and 5·7 in 1953, although the incidence of the disease was about one-third of 1955 —an epidemic year.

Doctors' Dilemma

"CONFLICT WITH THE STATE"

THE number of inquiries at British Medical Association House about the possibilities of practices in the Dominions and elsewhere has risen from three a week to five a day and is one sign of the discontent with the Government's attitude and conditions under the National Health Service, states a leading article in the *British Medical Journal* dated January 5. The profession might be on the eve of a severe conflict with the State, its present employer, over the rejected pay claim, but a united profession would win the day, however long the struggle. The employees—N.H.S. practitioners—had lost all trust and confidence in their monopoly employer. That a conflict with the State had become possible was in itself an indictment of the National Health Service. To find the right answer would call for an "agonizing re-appraisal."

The claim for increase in remuneration for all doctors in the National Health Service could not be afforded under present conditions, said MR. R. H. TURTON (Minister of Health) at a recent meeting with representatives of the negotiating committee of the medical profession. Regarding the profession's contention that the Government were under a legal contractual obligation, the Minister said that the Government were advised that that was not the case. He regretted that the claim could not be examined on its merits at the moment and was already actively considering how best to deal with the problems raised by those issues.

Favourite Prescriptions

DRUG CLASSIFICATION SCHEME

OF particular interest to pharmacists is the January issue of the *Practitioner* which features a symposium on "Favourite Prescriptions." The prescriptions are classified pharmacologically, with sections on analgesics, hæmopoietic drugs, bronchodilators, diuretics, laxatives and aperients. Concise information is interspersed with prescriptions which —medical men being human—the pharmacist is likely to meet in the coming months. The distinguished contributors to the issue include Professor E. J. Wayne (Glasgow University: antibiotics); James L. Livingstone (King's College Hospital and Brompton Hospital: antituberculous drugs); Professor D. M. Dunlop (Edinburgh University: barbiturates and other sedatives) and Professor L. J. Davies (Royal Infirmary, Glasgow: hæmopoietic drugs). Commenting on the symposium an editorial states that "it is abundantly clear that prescribing is as much an art as ever, an art which is dependent not only upon a sound knowledge of the properties, dosage and side-effects of drugs, but also upon the reaction of the individual patient." There is also a tribute to "the pharmaceutical industry's magnificent contribution to the nation's export drive."

Purchasing Officers

ECONOMIC CONDITIONS SURVEYED

THE annual business report of the Purchasing Officers Association states that not for some long time have purchasing officers entered a new year which brought with it a period of such uncertainty. At home it is not yet possible to calculate the effects of petrol rationing and the cuts in oil supplies whilst the higher tax is adversely affecting exporters. Reports received indicate that prices have had to be cut substantially in order to gain the higher bookings of export business and there can be no doubt that the Chancellor's decision to raise the petrol tax represents a very serious blunder. The country cannot continue to act as if it were economically strong on borrowed resources; 1957 is a challenge and there must be a greater measure of restraint on the home front. The Government's part in this is to reduce the high level of its expenditure and to provide incentive by cutting down the present high and frustrating level of taxation. The Chancellor must strive for price stabilisation for during the year the country will have to define its attitude towards participation in the European free trade area.

A Cold in Comfort

VOLUNTEERS AGAIN WANTED

THE common cold research unit at Harvard Hospital, Salisbury, Wilts, is entering into its eleventh year of research with an urgent appeal for more volunteers. People who are willing to take a 50-50 chance of a running nose and sore throat in return for a free ten-day "holiday" are particularly needed for the next two sessions, starting on January 15 and 29. From now until the end of March some 100 volunteers are wanted, and there will be vacancies during the rest of the year for some 400 to 500. Comfortable living quarters are provided for volunteers, fares to and from Salisbury are paid up to a maximum of £3, and 3s. a day pocket money is allowed. Volunteers should be between eighteen and forty-five years of age and in normal health. A postcard to the medical superintendent at the hospital will bring full details.

Pharmacy Too Small

EXECUTIVE COUNCIL'S ACTION

BRADFORD Executive Council recently discussed the position of a chemist on a Bradford corporation housing estate who had been refused permission to take over for his pharmacy part of the premises which he had previously sublet, the corporation housing subcommittee having considered that housing requirements must take precedence. ALDERMAN MRS. KATHLEEN CHAMBERS (chairman of the Council and also of the Corporation Health Committee) said that the accommodation at the disposal of the chemist in question was inadequate. MR. L. P. WILLIS (clerk to the Council) said the chemist's present accommodation might have been satisfactory nineteen or twenty years ago. The Executive Council finally decided to accept a resolution that the public works committee should be asked to see whether they could provide additional accommodation for the chemist while allowing the remaining portion of the premises to be still used for housing purposes.

Skin Diseases in Industry

A HIGH PERCENTAGE OF THE TOTAL

SKIN diseases account for 65 per cent. of all industrial diseases, said MR. N. K. BROWN (Rozalex, Ltd.) in an address recently to members of the central metropolitan group, London Industrial Committee, Royal Society for the Prevention of Accidents. In small factories employing up to twenty-five workers the incidence was 76 per cent.; in medium-sized factories employing up to 250 workers, 22 per cent.; and in the larger factories (which have the benefit of medical supervision), 2 per cent. Protection could only be achieved, said the speaker, by combining into a routine procedure several methods, one of which was the use of properly formulated barrier creams.

Schools' Appeal

TRAVELLERS' SUPPORT NEEDED

THREE ten-dollar gold pieces are being awarded to the United Commercial Travellers' Association stewards who do the best work for the Royal Commercial Travellers' Schools' appeal. In view of the desperate needs of the Schools Mr. W. J. Lovell (the Association's former secretary) is spending the next three months visiting branches to collect money for the Schools, although he retired recently. £60,000 is required to cover annual running costs and during the past three years the Schools have had to face a deficit of more than £36,000.

Test Prescription

SURREY EXECUTIVE COUNCIL

A SURREY pharmacist, who dispensed a salicylic acid and sulphur ointment which he had himself used on a rash for some years, when a prescription for 2 oz. ung. ac. salic. et sulph. was presented, has had £5 5s. withheld from his remuneration by Surrey Executive Council. The percentage salicylic acid found was 5·96, that required being 2·85–3·15. Sulphur content of ointment was 6·42 per cent. against required 2·85–3·15.

Excessive Prescribing

PENALTY ON HUDDERSFIELD DOCTOR

HUDDERSFIELD Executive Council has recommended to the Minister of Health the withholding of £250 from payments to a local doctor because of alleged excessive prescribing.

NEWS IN BRIEF

EXTENSIVE damage to stock was caused by a fire at Boots, Ltd., High Street, Barnstaple, Devon, recently.

RUGBY chamber of commerce is trying to get a pharmacy established in the Bilton area of the town.

THIEVES who broke into Halsteads (Chemists), Ltd., 81 Castle Street, Hinckley, Leics, recently, forced open a safe from which they stole £90.

THE Patents Bill (see *C. & D.*, December 1, 1956, p. 597) received its second reading in the House of Commons in December 1956.

A GRANT of £960 is being made annually to the College of General Practitioners by Pfizer, Ltd., Folkestone. The grants will be known as the Pfizer post-graduate grants.

NEW city analyst of Leeds will be Mr. R. A. Dalley, at present deputy city analyst. He is succeeding Mr. C. H. Manley, who retires at the end of January.

AMENDMENT No. 19 has been made to "The Carriage of Dangerous Goods and Explosives in Ships." It is published by H.M. Stationery Office, price 2s. 6d.

FOUR cameras and loose change from tills were stolen from Boots, Ltd., 6 High Street, Grantham, Lincs, after the shop had been closed on January 5.

PROFESSOR B. S. Platt (professor of human nutrition, London School of Hygiene and Tropical Medicine) has been appointed a member of the Food Standards Committee in place of Professor S. J. Cowell who has retired.

THE integration of the British Institute of Management and the Institute of Industrial Administration will take place on April 1. The new body will be called The British Institute of Management.

MR. A. J. Pincombe (a director, Bell & Howell Co., Ltd., and general manager, Rank Precision Industries, Ltd.) has been elected a vice-president of the British Photographic Manufacturers' Association.

SECOND prize in a window-dressing competition recently organised by Havant and Emsworth chamber of commerce went to Davies, Chemists (Havant), Ltd., 12 West Street, Havant, Hants.

OFFICERS of the Glass Manufacturers' Federation elected on December 18, 1956, were:— *President*, Mr. L. T. Lawney (managing director, Thermos (1925), Ltd.); *Chairman*, Mr. A. W. Clark (managing director, Beatson, Clark & Co., Ltd.); *Vice-chairman*, Mr. B. Throndsen (managing director, Johnsen & Jorgensen Flint Glass, Ltd.).

A SUGGESTION that a scholarship fund should be set up for the furthering of the training of girls as pharmacists is made in a recent issue of the *Co-operative News*. If each society joined a federal scheme and deducted a small fixed sum per £ of sales the fund could be built up and co-operative societies would be nearer to permanently staffing their pharmacies, says the article.

TOPICAL REFLECTIONS

By Xrayser

Taking Physick

It is perhaps not by accident that the reproduction of Gillray's cartoon "Taking Physick" (p. 40) appears on the page opposite your editorial comment on the dangers of medicine in the home and the perennial problems of accidental poisoning. The presentation of medicine in an attractive and palatable form is an art which, as you point out, may be carried to excess. Indeed, the elegance of the modern tablet and capsule may be such as to engender hopes that the physician will order only in small quantities, so that in quieter moments the pharmacist may admire the aesthetic effect produced by "broken bulk." The modern "ethical" must even arouse the acquisitive instinct of the collector. Yet may it not be possible that amongst our colleagues are numbered a Philistine few in whom the artistic temperament is insufficiently developed, and who regard the accumulation of "left-overs" with baleful eye? The artistic outlook for those few is not perhaps altogether one of despair. If time is the healer, and proximity a prompter of love, members of that mundane group are likely to have time enough with them to develop an affection for those tablets and capsules, and that is the first step towards a proper appreciation. There are, it would seem, other ways of "taking one's medicine" than by swallowing it.

Changing Fashions

Two or three centuries ago the forms of medicine that found favour with the physician and the apothecary, if not with the patient, included the draught, the ptisan, the bolus and the pill. The softish mass of the bolus was given to the patient with instructions to break off an amount of a suitable size and swallow it in the form of a large pill. The quantity was not weighed, but was related in size to some object known to the layman, such as a walnut or nutmeg. Consisting as it did more often than not of aloes, spiced perhaps with asafœtida, one can appreciate that there was usually a marked reluctance to take such medicine. To make medicine more palatable led, in course of time, to the sugar-coating of pills, and eventually to their replacement by the modern tablet or hard capsule. The cachet, which had almost followed the bolus, has experienced a revival with the introduction of the modern treatment for tuberculosis. And now, it appears from your report, the modern presentation of drugs in the United States of America is such as to constitute a heightened danger in the home. For, not content with pleasant flavours and bright colours, the makers are using containers designed as toys. It appears that, in medicine as elsewhere, the advance of civilisation is not without its hazards.

Poisons

The Committee of the American Medical Association on Toxicology is rightly concerned (p. 39) over the high percentage of deaths in very young children due to the taking of medicines. One of the difficulties encountered was the absence of a precise definition of what constituted a poison, and the committee in its report felt that any substance which, when improperly used, might produce harm by chemical action should be provided with a precautionary label statement—subject to a grading for different categories of substance. Up to a point that represents progress, but it is satisfactory that the report also draws attention to the automatic vending machine, which, on the insertion of coinage, disgorges drugs without any discrimination whatsoever. In that respect we are no further forward ourselves, and many sources of supply of such preparations are no more discriminating or knowledgeable than the automatic machine. The best safeguard for the public is the personal advice and knowledge of the pharmacist, and a verbal instruction and warning at the time of sale can be much more impressive than a label only. It is in the knowledge behind the sale that the pharmacist safeguards the public.

PROPRIETARY ARTICLES TRADE ASSOCIATION

Council meeting and presentation of badge

THE Proprietary Articles Trade Association held its quarterly meeting of council on January 10, the president (Mr. N. Dewey) in the chair. THE PRESIDENT referred to the death of Mr. J. J. W. Armistead, who for nearly seven years had represented Butler & Crispe, Ltd. on the council's wholesale section. At his funeral the president, wholesale section chairman and secretary had represented the council, which expressed sympathy with Mrs. Armistead and the company. The president also referred to the death, at the age of eighty-one, of Mr. C. H. Ratcliffe, who had for many years played an influential part in the affairs of the Association. He had been a member of council from 1924 until his retirement in 1948, when he was made an honorary member. He was president of the Association in 1926 and had served for about twenty years as a member of executive and chairman of the P.A.T.A. Trust Co., Ltd., which he had been instrumental in forming. The council passed a silent vote of condolence.

Mr. W. C. A. Clements, who had been nominated to represent Messrs. Butler & Crispe on the wholesale section, was welcomed and gave a brief acknowledgment.

Year Book

THE SECRETARY reported that the P.A.T.A. Year Book and List of Proprietary Articles had been printed. It would be circulated with the January issue of the P.A.T.A. *Quarterly Record*. Since the Restrictive Trade Practices Act had become operative machinery had been set in motion to assist manufacturer members in taking preliminary steps towards enforcement of their rights under the Act. The views of the council's legal advisers had been sought and given on the interpretation of certain of the powers and limitations of the council under the new constitution and rules.

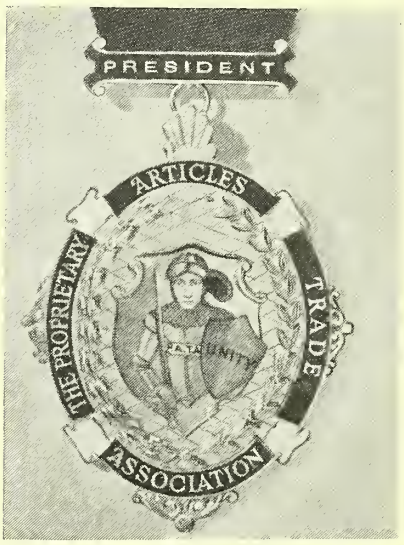
Diamond Jubilee

THE PRESIDENT referred to the luncheon that had been held on November 8, 1956, in celebration of the Association's sixtieth anniversary and to inaugurate its new constitution and rules. The many letters received by the president and secretary had clearly indicated that both the luncheon and the general meeting that had followed were regarded as most successful.

Election of President

THE SECRETARY reported that the twelve retiring members (four from each section) had been returned unopposed. The wholesale section having the privilege of nominating the president for 1957, MR. N. E. FORSTER proposed Mr. L. D. Smith as *President*. Mr. Smith, he said, had been chairman of the section for three years, and his colleagues had every confidence that he would occupy the presidential chair with the skill and ability he had shown at the sectional meetings. The motion, seconded by MR. N. C. JEFFERY and supported by MR. H. G. MOSS, was carried unanimously and with acclamation.

Mr. Smith, who then took the chair, was invested with the president's badge that had been presented to the retiring president at luncheon before the meeting. Acknowledging the honour paid to him by the council, Mr. Smith said that he was conscious of the high office he held, and would do everything he could to justify the confidence placed in him. He felt that the Association could look upon the future with confidence, as the manufacturers now had powers they had never had before. Mr. Smith then moved that the thanks of the council should be accorded to the outgoing president (Mr. Norman Dewey) for his outstanding services during the year. Mr. Dewey had had a difficult term of office. At times the outcome had seemed uncertain, but he had conducted the deliberations in a most able manner. The chairmen of the three sections having supported Mr. Smith's remarks, the outgoing president thanked the council for their co-operation.



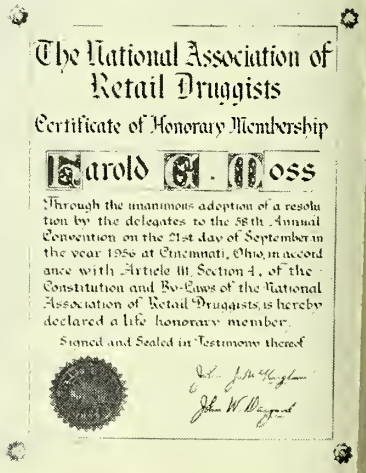
Presidential badge of office donated to the P.A.T.A. by Allen & Hanburys, Ltd.

The following officers were also elected. *Vice-presidents:* Messrs. N. C. Jeffery (manufacturers'), J. F. Boucher (wholesale), H. G. Moss (retail). *Treasurer:* Mr. R. G. Dyas. *Executive Committee:* Messrs. W. B. Alexander, T. Marns, H. G. Middleton, G. M. Roberts (manufacturers'); W. A. Allen, N. E. Forster, P. J. Lushington, H. G. T. Read (wholesale); C. H. Foster, J. E. Goodall, D. A. Rees, J. F. Watts (retail), with (*ex-officio*) the president, immediate past-president, vice-presidents and treasurer.

Presidential Badge of Office

At the October 1956 meeting of council (*C. & D.*, November 17, 1956, p. 541) Mr. C. W. Maplethorpe, F.P.S. (managing director, Allen & Hanburys, Ltd.) offered the council a presidential badge of office to mark both his company's long connection with the P.A.T.A. and the Association's sixtieth anniversary, and his offer was accepted. The design for the badge having been approved and the work executed, Mr. Maplethorpe attended on January 10 a luncheon before the afternoon meeting of council. He there invested the president (Mr. N. Dewey) with the new insignia of office. MR. MAPLETHORPE expressed his personal pleasure that the P.A.T.A., with which he had had a long association, sometimes in indirect ways, had accepted his company's offer. It afforded him special pleasure to make the presentation before Mr. Dewey, an old friend and colleague, relinquished office.

MR. DEWEY thanked Mr. Maplethorpe on behalf of the Association. He hoped subsequent presidents would wear the badge with as much pride as he did. The chairmen of the wholesale, retail and manufacturers' sections also expressed their appreciation of the badge and its presentation.


The National Association of Retail Druggists

Certificate of Honorary Membership

Harold H. Moss

Through the unanimous adoption of a resolution by the delegates to the 58th Annual Convention on the 21st day of September in the year 1956 at Cincinnati, Ohio, in accordance with Article III, Section 4, of the Constitution and By-Laws of the National Association of Retail Druggists, is hereby declared a life honorary member.

Signed and Sealed in Testimony thereof

HONORARY MEMBER FOR LIFE: Made honorary member of the National Association Retail Druggists at the 1956 Convention in Cincinnati, Ohio, U.S.A., Mr. H. G. Moss, Feltham, Middlesex, recently received his illuminated certificate of honorary membership "in accordance with Article III, Section 4, of the Constitution and By-laws."

WILLS

MR. C. THORNFIELD, 10 Rutland Court, Denmark Hill, London (founder and managing director, Furmoto Chemical Co., Ltd.), left £24,[illegible] (£24,525 net).

MR. W. F. ALLEN, M.P.S., 1 Silwood Rd., Sunninghill, Berks, left £4,178 (£3,795 net).

MR. J. BARHAM, M.P.S., 132 Emmanuel Rd., Balham, London, S.W., left £9,286 (£9,139 net).

MR. C. S. CHALLINOR, M.P.S., 39 Cambridge Street, Castleford, Yorks, left £9,844 (£8,794 [illegible]).

MR. G. B. DANIEL, M.P.S., 33 Park Vista, Whetstone, London, N.20, left £15,062 (£14,[illegible] net).

MR. W. M. GRAY, M.P.S., 35 Park Lane, Roundhay, Leeds (managing director, Charles Thackray, Ltd., Leeds), left £22,997 (£21,727 [illegible]).

MR. F. J. HAYS, M.P.S., 151 Green Dragon Lane, Winchmore Hill, London, N.21, [illegible] £17,867 (£17,281 net).

CENTRAL OPIUM BOARD REPORT

Pethidine and morphine consumption trends

THE consumption trend of pethidine and morphine in most countries is insufficiently clear to warrant the conclusion that pethidine is beginning to take the place of morphine. That is the opinion of the Permanent Central Opium Board as given in its report for 1956, published on January 7 (H.M. Stationery Office, price 5s. 6d.). The report says that pethidine seems to be finding some of its chief applications in fields where it has a specific effect other than analgesic (e.g., in obstetrics, narcosis and hibernation). Weight of drug consumed (even expressed per million inhabitants) is not considered necessarily the most reliable factor to use in comparing two or more drugs: for narcotic drugs grading according to analgesic power and liability to produce physical dependence would provide a sounder basis.

The accompanying graph, adapted from figures given in the report, shows consumption trends in the United Kingdom between 1951 and 1955 of morphine, pethidine and codeine.

The report notes that Denmark is now the world's biggest consumer of codeine, methadone and ketobemidone, second largest consumer of morphine and fourth of pethidine and ethylmorphine. If account were taken of the therapeutic potency of those six drugs, the report comments, the difference in consumption between Denmark and other countries would be even more pronounced.

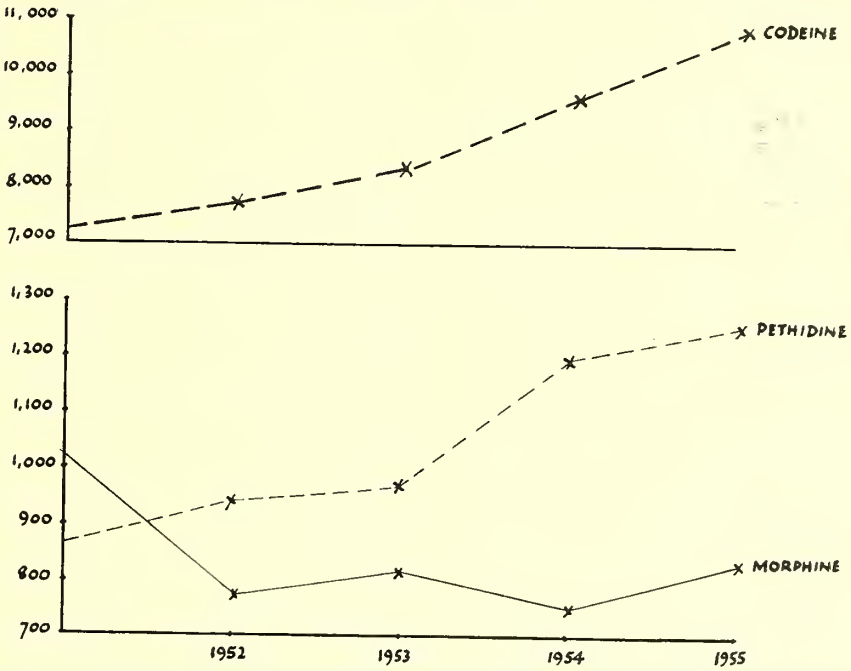
Four countries produced between them almost all the opium licitly used in the world. They were, in order of magnitude of production in 1955, India, Turkey, Soviet Russia and Iran. Opium-poppy cultivation having been prohibited in Iran, that country would in 1956 cease to be a member of the group. Afghanistan, Jugo-Slavia, Pakistan, Japan and Bulgaria also produced opium licitly, but in much smaller quantities. In India, production of opium had gone down from 388 tons in 1954 to 362 tons in 1955, but Turkish production had risen from [illegible] tons in 1954, a year of poor harvests, to 222 tons in 1955. Production in the Soviet Union remained at about the same level (103 tons in 1954; 109 in 1955). In Iran, production declined from 144 tons in 1954 to 95 tons in 1955. Production of the four countries as a whole had risen from 756 tons in 1954 to 788 tons in 1955.

A steadily rising demand for codeine remained the prime factor in determining opium requirements. Codeine manufacture alone absorbed nine-tenths of the 83 tons of morphine converted into other drugs in 1955, the balance being used for manufacturing ethylmorphine, pholcodine, diacetylmorphine, hydromorphine, dihydromorphine, benzylmorphine and apomorphine. Morphine production in 1955 reached the highest figure ever recorded by the Board.

The increase in the consumption of heroin was most marked in the United Kingdom in 1955, probably because pharmacists and hospitals had been stocking up in anticipation of a proposed ban on the manufacture of that drug in Britain. Altogether 2·5 kilos of heroin was exported in 1955 by five countries (the United Kingdom, Netherlands, Belgium, France, and the Federal Republic of Germany).

The Board notes that the increased consumption of pethidine was most marked in the United States, where it rose from 7·3 tons in 1954 to 8·3 tons in 1955, the latter figure representing two-thirds of world consumption. The U.S. share of production was even greater: 9·9 tons out of 14·5 tons in 1955. Consumption of methadone showed little change in 1955, and consumption of phenadoxone declined. Moves are in progress for bringing two other drugs under the Board's control.

World production of cocaine continues to increase. It rose from 2,442 kilos in 1954 to 2,583 kilos in 1955, and stocks at the end of 1955 were sufficient for twenty months' consumption.



Relative consumption in kilos of morphine, pethidine and codeine in the United Kingdom, 1951–55.

THE LEVY IN NORTHERN IRELAND

"Chemists not in best position to judge"

WHEN LIEUTENANT-COLONEL R. G. GORDON replied to the debate on the new shilling per item levy in the Northern Ireland Senate, recently, he said that in the last analysis neither the doctors nor the chemists were in the best position to judge what was a budgetary matter to be decided by Parliament. Colonel Gordon said that he was perfectly aware that members of the Senate had received copies of resolutions from the local branch of the British Medical Association and from the Ulster chemists indicating their opposition to the increased charges. For the year ended March 31, 1956, the cost of pharmaceutical services per person on doctors' prescribing lists was: In Northern Ireland, £1 7s. 9d. per person; in Wales, £1 6s. 2d.; in England, £1 1s. 2d. and in Scotland, £1 0s. 10d.

The draft regulations imposing the charge were approved by thirteen votes to four.

Colonel Gordon said that the first consideration was the Social Services Agreement, without which Northern Ireland could not hope to have the same scale of social services as Great Britain but which required in return for those benefits the sharing of the same burdens and responsibilities. Apart from the Social Services Agreement there were sound reasons for the proposal. The number of prescriptions issued by doctors had been steadily increasing year by year and the cost per prescription had also been rising due to higher ingredient cost, the introduction of new expensive drugs and an increase in the percentage of proprietary preparations prescribed. The increased percentage of proprietary preparations was due not altogether to the legitimate needs of patients but possibly in substantial degree to advertising pressure. Those factors and the unnecessary extravagance which they entailed called for remedial action.

DR. HERBERT QUINN said that it was most unfortunate that the Leader of the House should pin his faith to over-prescribing as the reason for the charge. The truth was the need to observe parity with Great Britain.

DR. J. P. DONAGHY said that he thought that the present plan would not much reduce the total demand for medical care but it might well deter some sizeable, and perhaps medically important minority, from visiting their doctors or from taking their prescriptions to the pharmacists.

LEGAL REPORTS

Factory Act Fines

AT Mitcham, Surrey, magistrates' court, on January 14, Florogen, Ltd., chemists and perfumers, were fined a total of £10 for two offences against the Factory Act. They pleaded guilty to employing a seventeen-year-old girl for more than fourteen days without her being examined by the factory doctor, and to failing to whitewash or colourwash the factory walls within a prescribed time. A factory inspector said that letters concerning the whitewashing of the company's two factories in Western Road, Mitcham, had been exchanged as far back as 1950. In 1952 the company had said that the work would be done "in the near future." "I visited the factories in October 1956 and they did not appear in a clean state as far as the walls were concerned," he said. Counsel for Messrs. Florogen said that the offences occurred because of a change-over in the managing directorship of the company. When other directors were appointed they were unaware that complaints had been made in respect of the walls.

Pharmacy Act Fine

AT Droitwich, Worcs, on January 10, Percy Clarence Harris, M.P.S., Droitwich, pleaded guilty to selling without a prescription, drugs for which a prescription was required. A former mayor, Harris had been for forty years, it was said, in charge of a well-known family chemists without any previous trouble. Prosecuting solicitor said it was regretted that the Pharmaceutical Society should have to summons so well-known and highly respected a member. But he had not complied with the regulations. Some years ago a Worcester doctor started to prescribe two different types of tablets for an elderly Droitwich woman who suffered from insomnia. The last prescription was made at the end of 1954. She could have obtained further prescriptions but did not, and for some reason gave up visiting the doctor, though it was obvious he would have prescribed more tablets. Mr. Harris had continued to sell drugs to her without the authority of a prescription. In August 1956 the woman was taken ill while on holiday in Dorset and died from barbiturate poisoning. "I would not like it to be suggested that anyone except the lady herself was responsible for her death," said the solicitor. Defending solicitor said that Mr. Harris was a particular friend of the woman concerned and had "allowed friendship and a genuine desire to help other people to override his personal principles." Imposing a fine of £10, and ordering him to pay £6 6s. costs, the chairman of the magistrates said: "We are very sorry to see a man of your experience before this court."

BUSINESS CHANGES

CRESCENT PREPARATIONS CO., LTD., and W. H. COWIE are removing to 128 Ebury Street, London, S.W.1 (telephone: Sloane 8442) on January 31.

THE telephone number of Kumar (London), Ltd., 91 Belmont Hill, London, S.E.13, is now Lee Green 5698.

Appointments

RIKER LABORATORIES, LTD., Morley Street, Loughborough, Leics, have appointed Mr. R. W. Richards, B.Pharm., F.P.S., their general sales manager and Mr. W. W. Morgan, F.P.S., their home sales manager.

COMPANY NEWS

TRIPLEX SAFETY GLASS CO., LTD.—Viscount Alanbrooke, has resigned as deputy chairman and director because of ill health.

A. MILLAR & CO., LTD.—Profit for year ended October 31, 1956, after all charges, was £14,693 plus £8,840 brought forward. Ordinary dividend approved is 10 per cent. plus a bonus of 4 per cent. (less tax).

MILTON ANTISEPTIC, LTD. — Dividend for year to September 30, 1956, is 13½ per cent. (11½ per cent.). Group profit, before tax, £109,045 (£97,579). Net profit, after tax, £52,205 (£48,937).

BRAND & CO., LTD.—Group profit for year ended September 30, 1956, was £413,011 (£348,103 parent only subject to tax of £220,387 (£177,088) and dividend, 27½ per cent. (equivalent of 23⅓ per cent.).

ARTHUR BERTON, LTD.—Net profit for year ended December 29 1956, is £96,606 (£75,460); tax, £116,500 (£85,300). Final dividend is 11 per cent. making 20 per cent. for year. Directors state that permission to capitalise £50,000 on a one-for-seven scrip issue has been refused by the Treasury.

CHEMICAL CONSTRUCTION (GREAT BRITAIN), LTD. — The company has absorbed the former engineering division of the American-owned Cyanamid Products, Ltd., London. The take-over was duplicated some months ago in the United States when the Chemical Construction Corporation, also formerly owned by the Cyanamid Co., was acquired by the Electric Bond and Share Co. The "twin" companies will collaborate closely in engineering design and plant construction for the chemical and petrochemical industries, including plant for the production of nitric and sulphuric acids and synthetic fertilisers. Directors: Michael S. Henderson (managing), H. W. J. Smiter (director, Cyanamid Products, London), G. Carpenter (president, Ebasco Services Inc., a co-subsidiary of the Electric Bond and Share Co.), and D. Harwick (a vice-president, U.S. Chemical Construction Co.). For preliminary registration details see *C. & D.*, December 15, 1956, p. 650.

New Companies

SETT LABORATORIES, LTD. (P.C.).—Capital £1,000. To carry on the business of manufacturers and distributors of disinfectants, cosmetics and ointments of all kinds; manufacturing chemists, etc. Directors: Frank Warhurst and Vernon Davenport. R.O.: 10 Ashfield Road, High Street, Cheadle, Ches.

DEATHS

ASHFORTH.—On December 22, 1956, Mr. Frank Peacock Ashforth, M.P.S., 132 Dilston Road, Newcastle-on-Tyne, 4, aged seventy-seven.

CHALMERS.—On January 3, Mr. John Macrae Chalmers, M.P.S., 297 Camden Road, London, N.7, aged seventy-four. Mr. Chalmers was for many years at the Dispensary, Bishops Street, Penang, Straits Settlements.

CHASTON. — On November 29, 1956, Mr. Edward Chaston, M.P.S., Vane House, New Silksworth, co. Durham. Mr. Chaston qualified in 1910.

DAVIS. — At the Memorial Hospital, Cirencester, Glos, on December 20, 1956, Mr. Walter Edward George Davis, M.P.S., Morley House, Lechlade, Glos. Mr. Davis qualified in 1917. He was in business at High Street, Lechlade.

DAWSON. — On January 1, Mr. George Henry Dawson, M.P.S., 46 Marine Parade, Southend-on-Sea, Essex, aged seventy-four. Mr. Dawson was apprenticed to his father at the High Street, Southend, branch of G. R. Dawson. After managing the Marine Parade, Southend, branch of the firm for many years he bought it from his father. He was actively engaged in the business with his wife until within a month of his death. He is survived by his widow and a sister.

DE SOUZA. — In a Dublin nursing home on December 28, 1956, Dr. Alexander de Souza, M.A. Cantab. M.R.C.S. Eng., L.R.C.P. Lond., aged sixty-three. Dr. de Souza took over the business of E. M. de Souza & Co. wholesale, retail and manufacturing chemists, Rangoon, on the death of his mother in 1931 and managed it until the Japanese occupation of Burma in 1942. After four years' forced evacuation in India he returned in 1946 to re-establish the business and converted it into a limited company in April 1948 giving shares to all the company's workers as an incentive. In October 1956 Dr. de Souza retired from the managing directorship, prior to the conversion of the business into a public company. He is survived by his widow.

A colleague writes: Dr. de Souza will be deeply missed by all his many friends, though by none so much as by his own staff, to whom his generosity was unstinting. He looked upon his staff as his own family and they looked upon Dr. and Mrs. de Souza as their parents and benefactors, and loved them deeply for their warm, humane understanding. Forceful in his business policy, he was never lacking in sympathy for those who needed it.

FEARNSIDE.—At Farnham County Hospital on December 19, 1956, Mrs. Louise Marie Fearnside, wife of Mr. Donald Herbert Fearnside, M.P.S., 7 Whyte Avenue, Aldershot, Hants.

FORSTER. — At his home, 1 Queens Road, Monkseaton, Whitley Bay, Northumberland, on January 1, Mr. John Hall Forster, M.P.S., aged eighty-three. Mr. Forster founded Hall, Forster & Co., Ltd., manufacturing chemists, Newcastle-on-Tyne, fifty five years ago.

GODWIN.—Recently, Mr. William Godwin, M.P.S., 112 North Hill Street, Princes Park, Liverpool, 8. Mr. Goodwin qualified in 1891.

HILL. — Recently, Mr. John Hill, M.P.S., 13 Greenfield Crescent, Edgbaston, Birmingham, 15, aged eighty-four.

HODGSON.—On December 14, 1956, Mr. Herbert Hodgson, M.P.S., 40 Castle Grove Avenue, Far Headingly, Leeds, 6, aged seventy-one.

JEEVES.—On December 10, Mr. Gerald Childs Jeeves, M.P.S., 83 Corton Road, Lowestoft, Suffolk. Mr. Jeeves qualified in 1905. He was in business at 1 Tonning Street, Lowestoft.

JENKINS. — On November 27, 1956, Mr. Ernest Jenkins, M.P.S., 267 Normanton Road, Derby. Mr. Jenkins qualified in 1948.

MORGAN. — On December 17, 1956, Mr. Mervyn Thomas Morgan, M.P.S., Honeysuckle Cottage, Llantwit Major, Glam. Mr. Morgan qualified in 1920.

PERRY. — At St. Asaph General Hospital, St. Asaph, Flints, recently, Miss Dilys Moreton Parry, 14 Sandy Cove, Kinmel Bay, Rhyl. Miss Parry was the daughter of the late Mr. Lewis Moreton Parry, who was president of the Pharmaceutical Society, 1929–30. For many years she helped her father in his capacity of secretary of the Liverpool Pharmaceutical Committee and of the National Association of Opticians.

SMITH. — On January 14, Mr. Harold Smith, Langho, Blackburn, Lancs. Mr. Smith had represented Ayrton, Saunders & Co., Ltd., in East Lancashire for over twenty years.

A colleague writes: Mr. Smith's passing will be mourned not only by his friends in Ayrtons but also by the many good friends he made among the pharmacists on whom he had called so long.

SOUTHALL-EDWARDS.—On December 12, Mr. Sydney Southall-Edwards, M.P.S., 63 Wylde Green Road, Sutton Coldfield, Birmingham, aged fifty.

STRAITH.—At the Royal Infirmary, Edinburgh, on January 13, Mr. Alexander Straith, 4 Oxford Street, Edinburgh. Before his retiral in 1954, Mr. Straith had represented Duncan, Flockhart & Co., Ltd., Edinburgh, for forty-eight years.

WATERWORTH.—On December 3, 1956, Mr. Harold Pattison Waterworth, M.P.S., 240 Spring Bank, Hull, Yorks. Mr. Waterworth qualified in 1909.

WHITEHEAD. — On December 31, 1956, Mr. Herbert Joseph Whitehead, M.P.S., 99 Eastwood Road North, Leigh-on-Sea, Essex, aged eighty-one.

WILBY. — On December 24, 1956, Mr. Frederick Tertius Wilby, M.P.S., Roundhill Road, Leicester, aged eighty-two. Mr. Wilby was formerly in business at 124 Humberstone Road, Leicester.

WYERS. — At Rush Green hospital, Romford, Essex, on December 12, 1956, Mr. Hubert Wyers, M.D., D.I.H., aged fifty-six. Dr. Wyers was chief medical officer, May & Baker, Ltd., Dagenham, Essex.

PERSONALITIES

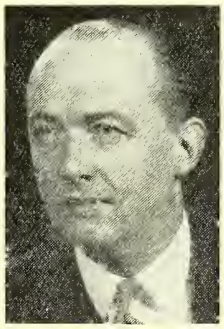
MR. C. MAILE, F.C.S. (of Racasan, Ltd.), who was recently operated on in St. Thomas's Hospital, London, is making satisfactory progress.

MR. JOHN WILLIAMS, M.P.S. (manager, Timothy Whites & Taylors, Ltd., High Street, Epsom, Surrey), fractured his left wrist in a fall at his home recently.

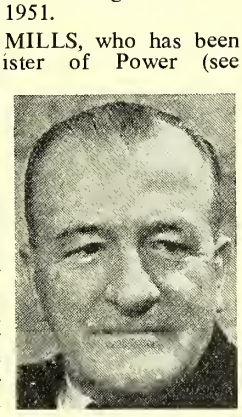
MR. C. P. VENABLES, M.P.S., Canvey Island, Essex, who has been treasurer of the island's ratepayers' and residents' association since 1926 was recently re-elected for a further year of office.

MR. E. A. BROCKLEHURST (sheriff of Hull and a member of the Pharmaceutical Society's Council) gave the third Quarter Sessions lunch at Hull Guildhall recently. Among those present were the chairman and members of the Leeds Regional Hospital Board, Mr. A. Aldington (chairman, National Pharmaceutical Union), Mr. H. Noble (secretary, N.P.U.), and Mr. P. Dobson (a member of the Central N.H.S. (Chemist Contractors) Committee). Members of Hull Executive Council and of each hospital management committee of the area and many of the leading members of the medical and dental professions also attended.

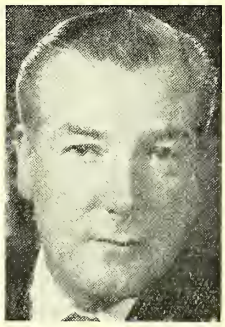
MR. PETER THORNEYCROFT, who has been appointed Chancellor of the Exchequer (see p. 53), entered politics in 1938, when he was elected Member for Stafford. He represented that constituency until the 1945 general election when he was defeated by a narrow margin. In a by-election in October 1945 he was returned to the House of Commons as Member for Monmouth, and retained that seat in the 1950 and 1951 general elections. He was appointed President of the Board of Trade after the general election of October 1951.



SIR PERCY MILLS, who has been appointed Minister of Power (see p. 53), was at the time of his appointment chairman of W. & T. Avery, Ltd., Birmingham. During the 1939 – 45 war his many appointments included deputy director of ordnance factories; controller - general of machine tools; and head of the production division, Ministry of Production, in recognition of which services he was knighted. For two years he was president of the economic subcommission of the British Element Control Commission for Germany. In 1952 he was with the Ministry of Housing as an adviser. In 1953 he was created a Baronet. Sir Percy is president of the Association of British Chambers of Commerce.



SIR DAVID ECCLES, who has been appointed President of the Board of Trade (see p. 53) was Minister of Education in Sir Anthony Eden's Government. Born in 1904 and educated at Winchester and New College, Oxford, he was elected Member of Parliament for Chippenham, Wilts, at a by-election in 1943. He has represented that constituency ever since. Sir David is an expert on finance and economics, and has devoted a considerable amount of time in Parliament to those matters. He has served a term as vice-chairman of the Conservative Parliamentary Finance Committee.

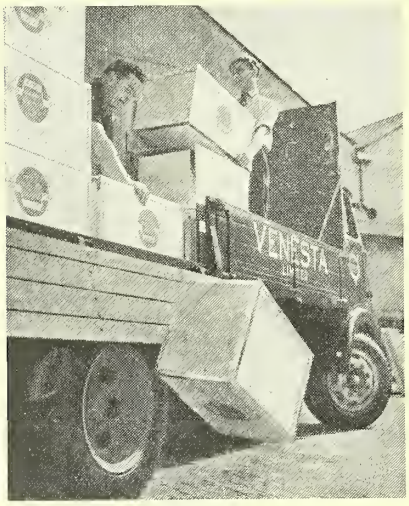


MR. LESLIE D. SMITH, who has been elected president of the Proprietary Articles Trade Association (see p. 56), is joint managing director of Sangers, Ltd. He joined that company in 1930, becoming a director in October 1933. He was elected to the council of the P.A.T.A. (wholesale section) in January 1946, succeeding Mr. A. T. Hall as representative of Southall Bros. & Barclay, Ltd. On the death in 1953 of his father (Mr. F. J. Smith) who was the Association's president on three occasions and from 1915 until his death in 1953 was uninterruptedly chairman of the wholesale section of the council, Mr. Leslie Smith, an only son, took his place on the council as representative of Sangers, Ltd. In January 1949 Mr. Smith was elected a member of the executive committee of the council, and five years later became a vice-president and chairman of the wholesale section, the office he held at the date of his election to the presidency. He is a director of the P.A.T.A. Trust Co., Ltd. and a trustee of the Resale Price Maintenance Defence Fund. Mr. Smith has also played an active part on the governing bodies of other pharmaceutical trade organisations. He is a member of the council of the Association of British Pharmaceutical Industry and in 1955 succeeded Colonel S. Watson as chairman of group A2 (whole sale distributors of medicinal proprietary articles). Mr. Smith has been for several years a member of the council of the Chemists Federation.

PACKAGING NOTES

Manufacturing Rights Acquired.—John Dale, Ltd., New Southgate, London, N.11, have acquired from Flexipac, Ltd., 1 Sanford Lane, London, N.16, the rights to manufacture, in Great Britain, Canada and Switzerland, plastic collapsible tubes under processes patented in those countries by Messrs. Flexipac.

As Strong as They are Light. — Venesta Ltd., Vintry House, Queen Street, London, E.C.4, produce plywood packing cases, from making the plywood in Finland, importing the boards to exact size from Finland, making and delivery. Venesta export cases are made from birch plywood and have metal edging, secured by bifurcated rivets, along all sides. The method of construction gives an extremely high strength to weight ratio with maximum

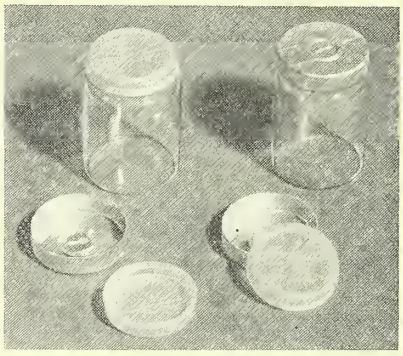


interior capacity. Venesta plywood cases resist impact damage (the plywood is resilient and has a continuous metal edging on all corners and along all sides of a case, thickness and gauge of metal varying according to the size of the case and content weight). Sides, ends, top and bottom are of one-piece panels secured with metal edging. The smooth surface of plywood offers an excellent printing surface for trade marks, etc.

Bottle Closures.—With thirty years' experience of research into the sealing of containers, Kork-N-Seal, Ltd., 8 Leicester Street, London, W.C.2, have a variety of shapes available in metal or moulded plastic for sealing bottles made by their parent body, United Glass Bottle Manufacturers, Ltd., Leicester Square, London, W.C.2.

Polythene Bottles from Stock Moulds.—Unbreakable polythene bottles in a great variety of stock moulds, given individuality by change of basic colour or printing and in sizes from 4 c.c. to 15-gall., are available in the Poly-Tainer range, distributed for the manufacturers by Industrial Appliances, Ltd., 21 Grosvenor Street, London, W.1.

Polythene Snap-on Caps. — Polythene snap-on cap for sealing glass vials are in the range of injection moulded thermo-plastic closures offered by the Metal Box Co., Ltd., The Langham, Portland Place, London, W.1. The cap is attractive in appearance and gives a first-rate seal. Over the polythene cap an aluminium tear-off seal may be fitted, giving tamper-



proof protection to the container until it has been opened. The polythene cap may be used with or without the metal overseal because even without the overseal the contents of the vial are protected. The snap-on cap is used mainly for medicinal powders, tablets, pills and capsules, but is suitable for packaging certain liquids.

An Evolving Package. — Kimberly-Clark, Ltd., recently introduced a new style of packaging Kotex — in direct contrast to former policy. The new carton is in a delicate shade of dove grey and carries the name Kotex in small letters printed in white on blue on the lower right-hand corner of the front panel, on the sides, and on the top and bottom of the box. While providing immediate product identification to the customer and display value to the retailer, it gives discreet emphasis to the name. When Kotex first appeared on the British market in 1927 the pack was a plain carton in blue, with name identification in the form of a label at the top and bottom and a white cross to symbolise the hospital origin of the product. The next step was to introduce the brand name on the box itself, while retaining the blue background and white cross. Gradual changes during the late 'twenties and early 'thirties gave more prominence to the brand name. In 1934 the package was modified by breaking up the solid colour background and increasing the size of the lettering. During the war years, and until 1952, Kotex was packaged in a plain grey box with tear-off label for brand identification. Then, in company with many other brands, and for reasons of the poor quality of packing materials then available, Kotex was packaged in plain paper bags. In 1953 the opportunity came again to provide greater brand identification and display value, and Messrs. Kimberly-Clark introduced Kotex in a hygienic, plain, sealed white carton with tear-off wrapper printed in green and white, covering all but the ends of the box. The wrapper design gave maximum prominence to the name Kotex both for display and brand identification purposes. The change from bag to box meant easier stacking and more attractive display, and the tear-off wrapper allowed the customer to take away a non-identifiable box. The change to a printed carton in dove grey came after a new study of merchandising requirements. The resulting box is elegant, and readily identifiable, satisfies the requirements of effective display, and affirms, in the home, the quality of the product. To meet the trend towards self-service three out of every four boxes of Kotex are factory over-wrapped in plain brown paper, saving the retailer time and money.

SAFE TRANSPORT WITH NEW "SKIPS": Specially-designed Venesta "skips" made by Venesta, Ltd., Vintry House, Queen Street Place, London, E.C.4, have been adopted by Duncan, Flockhart & Co., Ltd., Edinburgh and London, to pack their bottled liquid anæsthetics. The new "skips" offer maximum strength and security and reduce to a minimum the time and trouble of handling.

Kotex package changes shown side by side. First was a plain grey box imported from Canada. Shortages of materials forced the adoption of a cream bag when Kotex was first manufactured in England. A white carton with tear-off wrappers appeared in 1953. Now adopted is a dove-grey box branded on the side panels.

TRADE NOTES

Dates of Price Change. — The increased price of the larger pack of Dextrosol glucose tablets (see *C. & D.*, January 5, p. 26) took effect to the public on January 7, and becomes effective to chemists on February 4.

Resale Prices. — Notification that their goods may only be sold at fixed retail prices (as published), have been made by C. E. FULFORD, LTD., Carlton Hill, Leeds, 2, and JEYES-IBCO SALES, LTD., 1 River Road, Barking, Essex.

Now Free-flowing. — Albright & Wilson, Ltd., domestic sales department, 49 Park Lane, London, W.1, are now marketing their Calgon water softener in a free-flowing, quick-dissolving form, and in special easy-to-pour packs.

Direct Ordering Ended. — Menley & James, Ltd., Coldharbour Lane, London, S.E.5, state that they have expanded beyond the point at which they can deal with direct orders from chemists. In future all orders for the company's products must be placed through a wholesaler.

Western European Agents. — Production Chemicals (Rochdale), Ltd., Victoria Buildings, 32 Deansgate, Manchester, 3, have been appointed general agents of the Inerto Co., San Francisco, California, U.S.A., for the sale in the United Kingdom and western Europe of their ground hectorite ore (a magnesium lithium bentonite) and Macaloid, a purified hectorite used in oil-in-water emulsions, emulsion paints, cleaners and polishers, and in the manufacture of pharmaceutical and cosmetic products. Samples and information are available.

Bonus Offers

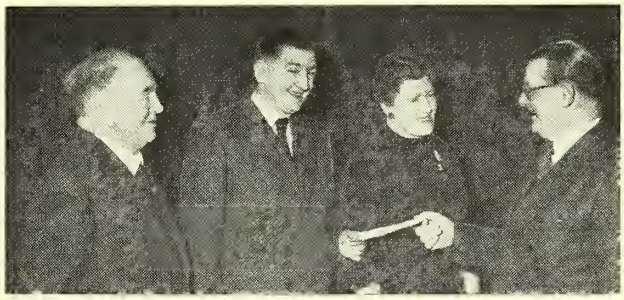
CUSSONS, SONS & CO., LTD., Kersal Vale, Manchester, 7. Cussons talcum powders. Twelve tins charged as eleven on orders for delivery during January and February. Plus six months' credit. Plus guarantee against loss by reduction in purchase tax at April Budget.

HALEX DIVISION, BRITISH XYLONITE CO., LTD., Highams Park, London, E.4. Halex "rondated" tooth-brushes. Five per cent. display discount (additional to bonus offer described last week (p. 36)) on order for counter dispenser containing 6 doz. assorted combs and 3 doz. A 260 tooth-brushes as part of an order for 12 doz. tooth-brushes.

MERCK SHARP & DOHME, LTD., Hoddesdon, Herts. Tyrozets and Sucrets. Twelve for price of eleven on minimum parcel of 6 doz. Offer ends January 31.

RACASAN, LTD., Ellesmere Port, Ches. Racapan sanitary block and/or Racapan air freshener and moth block. 2½ per cent. on three doz.; 3¾ per cent. on six doz.; 5 per cent. on twelve doz. In return for display. Space and Jet aerosols. Discounts as for Racapan.

REXALL DRUG CO., LTD., Morley Street, Loughborough, Leics. Biokets. Fourteen to doz. Sedets. Fourteen to doz. Bisma-rex. Twelve charged as eleven. Parcel discounts: 2½ per cent. on £3; 5 per cent. on £5; 10 per cent. on £10.



£250 PRIZE-WINNER: Mr. A. Davison, M.P.S., Birdsall Row, Redcar, receives his cheque for £250 as second prize-winner in the Lucozade national window display competition, 1956. The cheque was presented by Mr. Arthur Dowden (representing the makers) at a celebration dinner which was also attended by Mrs. Davison and her father, Mr. Mountain (extreme left), original owner of the business. Local first prizes (£100 each) went to Actons, Cornmarket, Worcester; Boots, Ltd., Wellington, Salop; and A. S. Furniss, Ltd., Liverpool, 13. Six local second prizes (£50 each) and nineteen local third prizes (presentation pens) were also won by chemists.

SANDOZ PRODUCTS, LTD., 134 Wigmore Street, London, W.1. Pursennid tablets (20's). Thirteen charged as twelve.

THOMPSON & CAPPER, LTD., Speke, Liverpool, 19. Mothaks. Extra 5s. per gross on each gross ordered for delivery before April 1.

ULTER (BRADFORD), LTD., Wibsey, Bradford. Floret insecticide. 5 per cent. on direct order of £10 or over placed before March 31.

CHANGE OF PACK: Now hermetically-sealed in aluminium foil, Maclean brand indigestion tablets are in blue, white and yellow carton designed by Design Research Unit. (Macleans, Ltd., Great West Road, Brentford, Middlesex.)

Services to Manufacturers

Factory Expansion. — Thompson & Capper, Ltd., Speke Hall Road, Liverpool, 19, announce that a new building extending their factory accommodation is expected to be completed within the next week or two, giving the company a much greater capacity to provide tableting service to all sections of the industry.

Manufacture and Distribution. — Trevena, Ltd., 3 London Wall Buildings, London, E.C.2, undertake the manufacture, marketing and distribution of proprietary medicines, toilet preparations, cosmetics and allied products. The company is equipped to deal with the appointment of agents in Commonwealth and European markets.

Temporary Sales Forces. — Most manufacturers need on occasion a larger-than-normal sales force for a short period (to launch a new product, open up new areas, or increase distribution for existing products). J. B. A. Sutherland, Ltd., 54 Great Marlborough Street, London, W.1, offer a new type of temporary sales force that can be employed in any locality in which they are needed. It consists of 1,000 women who may be engaged at a standard inclusive rate that includes travelling expenses and administrative work.

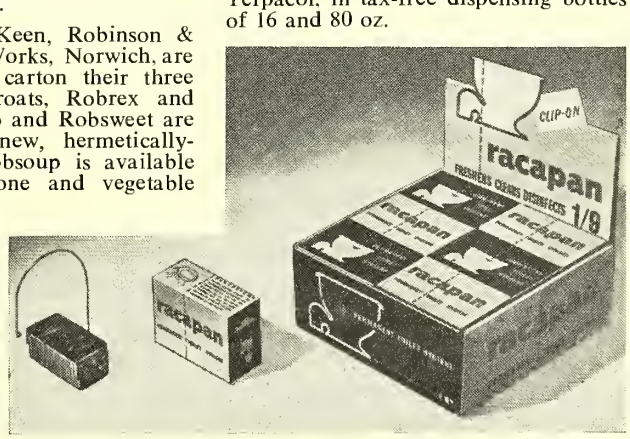
NEW PRODUCTS AND PACKS

Sanitary Knickers.—Cuxson, Gerrard & Co., Ltd., Fountain Lane, Oldbury, Birmingham, are marketing a new sundries item: Sanipants.

Triple Pack. — Keen, Robinson & Co., Ltd., Carrow Works, Norwich, are issuing in a single carton their three weaning foods: Groats, Robrex and baby rice. Robsoup and Robsweet are also available in new, hermetically-sealed packets. Robsoup is available in chicken, and bone and vegetable varieties.

Sanitary Block. —Racapan, Ltd., Ellesmere Port, Ches. are marketing Racapan sanitary block (perfumed and containing bleaching agents and paradichlorbenzene.

Cough Linctus. — Brook, Parker & Co., Ashfield, Horton Road, Bradford, 7, are marketing a new cough linctus, Terpacol, in tax-free dispensing bottles of 16 and 80 oz.



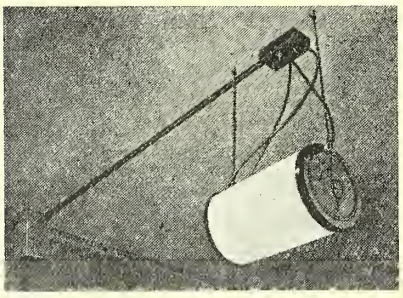
PHOTOGRAPHIC NOTES

London's Second Photo Fair. — The second biannual Photo Fair, which opens at the National Hall, Olympia, London, on April 11 for one week, is this year to be international, with nearly every country that manufactures photographic equipment represented among the exhibitors.

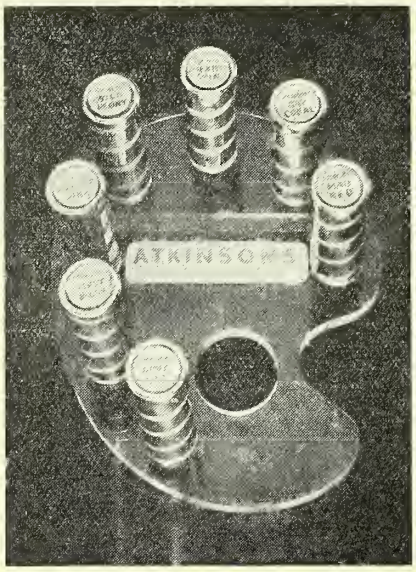
Travel Tips. — Information to holiday-makers about where in overseas countries they may have their films processed, what Customs regulations they are likely to encounter, and how to protect films and camera, are given in "Travel Tips by Kodak," an eight-page booklet published by Kodak, Ltd., Kingsway, London, W.C.2.

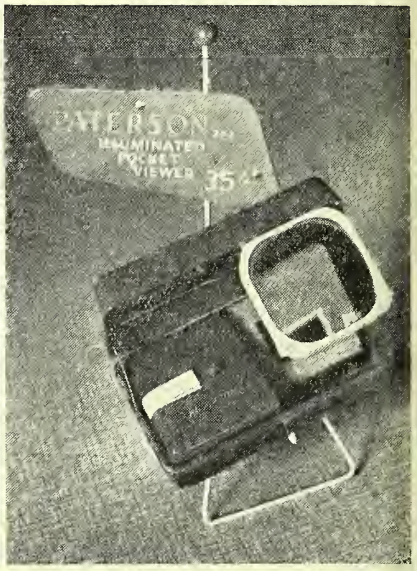
Automatic Camera Microscope.—A new automatic camera microscope, the Ultraphot II, manufactured by Carl Zeiss, Oberkochen, Western Germany, is suitable for visual observations as well as photomicrography. It may also be used for microprojection on to a ground glass screen, making it particularly suitable for purposes of instruction. A feature is its fully automatic photographic mechanism, which eliminates difficulties of computing exposures. A single push button opens the camera shutter, after which the exposure time is adjusted automatically to the correct value for the intensity of illumination. The shutter closes automatically after the correct exposure has been given. The United Kingdom agents are Degenhardt & Co., 32 Maddox Street, London, W.2.

Sodium Safe-lamp. — Specially designed for use in darkrooms where contact papers are handled, the new Kodak Velox sodium safe-lamp illustrated is specially suitable for photo-



finishing workrooms. The lamp combines tungsten and sodium lights, suitably filtered and diffused. It gives a high level of safe orange-yellow illumination free from the "livid" effect of sodium lighting alone. Its light level is so high that working instructions may be read in it without difficulty, and the quality of photographic detail judged up to 20 ft. away from the lamp. Although the current consumption is only 95 watts (less than one-tenth of a unit per hour) the lamp illuminates a workroom so large that twelve normal safe-light lamps are required. Cylindrical in shape, it has an outer case moulded from amber plastic, with end pieces of black plastic mouldings. The manufacturers are Kodak, Ltd., Victoria Road, Ruislip, Middlesex.

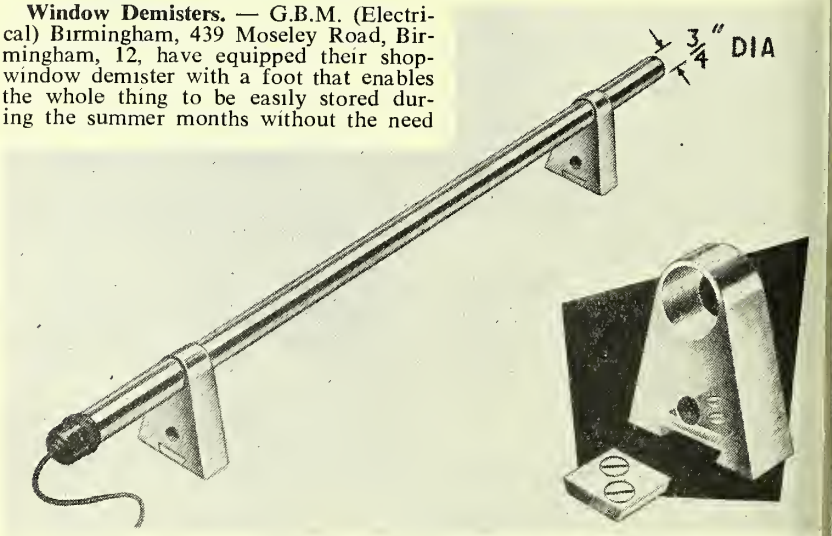




FOR DEMONSTRATION AND DISPLAY : Cosmetic tester for demonstrating products of J. & E. Atkinson, Ltd., 124 New Bond Street, London, W.1, and wire display stand for the Paterson illuminated pocket viewer made by R. F. Hunter, Ltd., Gray's Inn Road, London, W.C.1. Each was designed and manufactured by Victoria Plastics and Designs, Ltd., 554 Holloway Road, London, N.19.

SHOPFITTING AND DISPLAY

Window Demisters. — G.B.M. (Electrical) Birmingham, 439 Moseley Road, Birmingham, 12, have equipped their shop-window demister with a foot that enables the whole thing to be easily stored during the summer months without the need



to remove screws. The demister is available in lengths of from 2 to 7 ft. The standard finishes are chromium plate or hammered gold (other colours to specification). An adjustable thermostat is available for use with the demister.

All-purpose Price Markers.—Basically a plastics panel with permanently printed wording above a line of perforations into which clip plastic numerals, the Movitex price marker, once made, is quickly changed when price alterations take effect. The ready-made panels offered cater for hire-purchase business, bearing the words "cash price," "or deposit" and "and monthly" (or weekly or quarterly). There are also smaller panels with no permanent markings for use simply as price markers. The makers are Adapta-Charts, Ltd., 129 Hammersmith Road, London, W.14, who also market the "3-dimensional" Movitex, a system of interchangeable plastic letters and numbers on perforated plastics background. The background is cut to shape or size by the user and the characters quickly pressed into the perforations or as easily removed.

Chrome Protector Aerosol.—A clear cellulose lacquer for protecting chromium and other metal surfaces from rust is being marketed in pressurised spray container by Amber Oils, Ltd., 11A Albemarle Street, London, W.1. The product, Blink, forms a protective coating that lasts for months, needing only an occasional wipe-over with a damp cloth or leather. It may be applied to scales, counters, display stands, etc.

INFORMATION WANTED

The Editor would appreciate information about suppliers of the following:

ASEPSO soap (present makers)
STARLIGHT hot-water bottle

RELAXA-TABS

more

RELAXA-TABS

and yet more

RELAXA-TABS

are being bought by the public who need a completely safe, non-habit forming sedative.

FORMULA:

Carbromal B.P.C.	3 grs.
Bromvaletone B.P.C.	2 grs.
Calcium Phosphate B.P.	3 grs.

Retailing at 2s. 9d. and 5s. 5d. inclusive. Wood's RELAXA-TABS are backed by a high-pressure National Advertising Campaign in the Press which is being stepped up every week as sales rocket. Supplies from International Laboratories Ltd., 205 Hook Road, Chessington, Surrey, or from your usual wholesalers.

RELAXA-TABS

the name is good

RELAXA-TABS

the product is good

RELAXA-TABS

the profit is good so Order NOW

Other equally good International Laboratory lines are

DO-DO ASTHMA TABLETS · **NEODEX** *for Stubborn Skin Ailments*

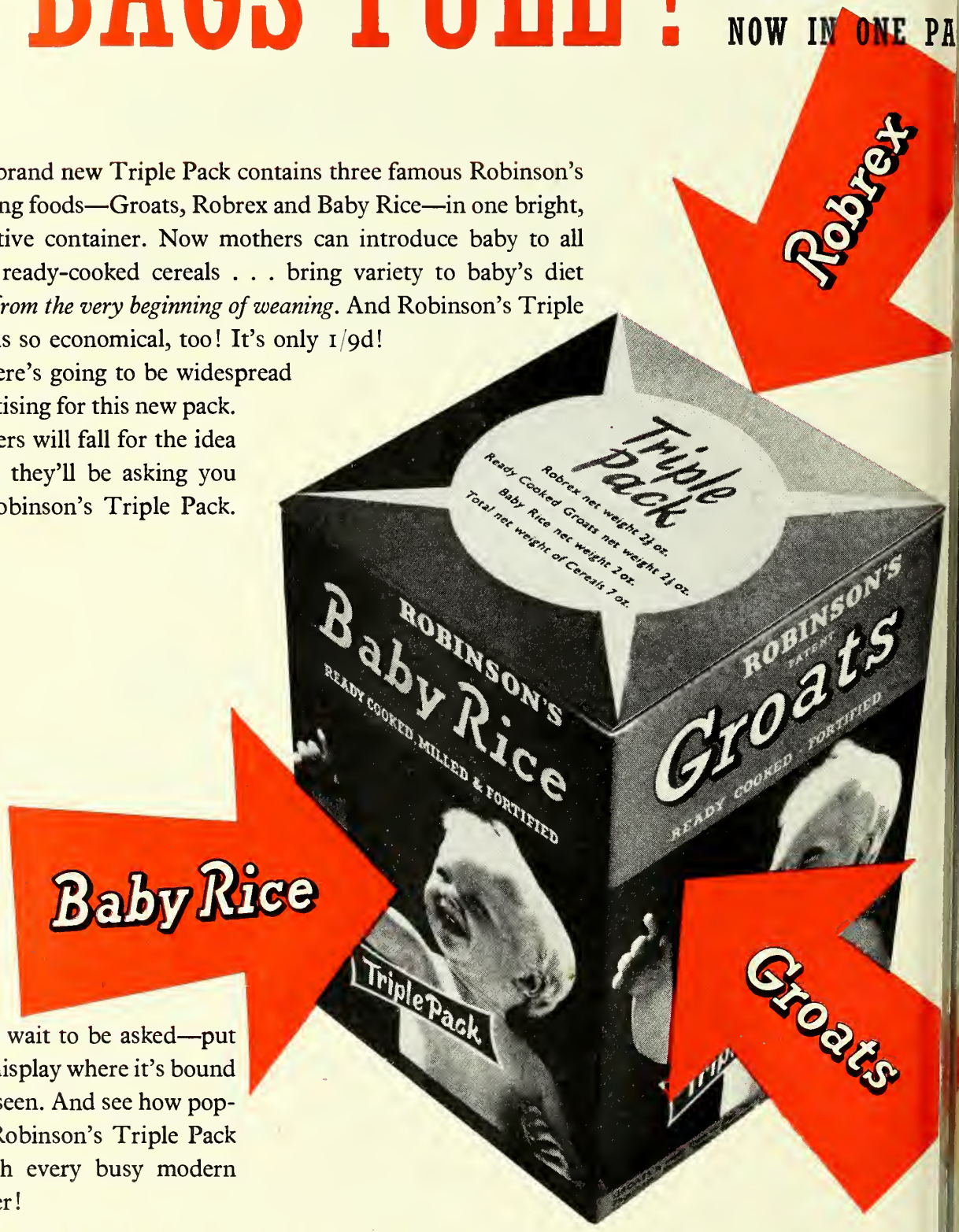
DALAY *for Dysmenorrhoea* · **BAUME DALET** *for Bunions*

3 BAGS FULL !

ROBINSON'S THR
CEREALS
NOW IN ONE PA

This brand new Triple Pack contains three famous Robinson's weaning foods—Groats, Robrex and Baby Rice—in one bright, attractive container. Now mothers can introduce baby to all three ready-cooked cereals . . . bring variety to baby's diet *right from the very beginning of weaning*. And Robinson's Triple Pack is so economical, too! It's only 1/9d!

There's going to be widespread advertising for this new pack. Mothers will fall for the idea —and they'll be asking you for Robinson's Triple Pack.



Don't wait to be asked—put it on display where it's bound to be seen. And see how popular Robinson's Triple Pack is with every busy modern mother!

KEEN, ROBINSON & CO. LIMITED · CARROW WORKS · NOR

AND

Robinson's new $4\frac{1}{2}$d envelope packs

ws about Robsoup and Robsweet, too!
w mothers can buy this popular weaning
d in new, hermetically-sealed packets—
ull helping for a 6-month baby for only 4½d.,
lowest unit price in this field.
bsoup—baby's soup in powder form—
nes in two varieties : Chicken, and
ne & Vegetable. Robsweet makes a delicious
dding for baby—real banana and cereal.
ree new tastes for baby—valuable variety
his weaning diet. We've designed a special
play container for these new packs.
thers will welcome them when planning
als—so make sure they are on show.

N, ROBINSON & CO. LIMITED · CARROW WORKS · NORWICH

'MEPAVLON', I.C.I.'s new tranquilliser, is distinguished by its ability to relieve both mental and muscular tension without dulling consciousness. It has proved to be particularly suitable for calming the nervous patient troubled with anxiety, restlessness and irritability. In such cases, 'Mepavlon' stabilises the emotions, relaxes tension and relieves nervous insomnia by inducing natural sleep. No less important : its toxicity is low, it is well tolerated, and side effects are rare. 'Mepavlon' thus combines effectiveness with safety and provides a most satisfactory treatment for the psychoneuroses and for the restoration of repose.

Fully active by mouth, 'Mepavlon' is presented in tablets each 400 mgm. in containers of 30 and a dispensing pack of 250.

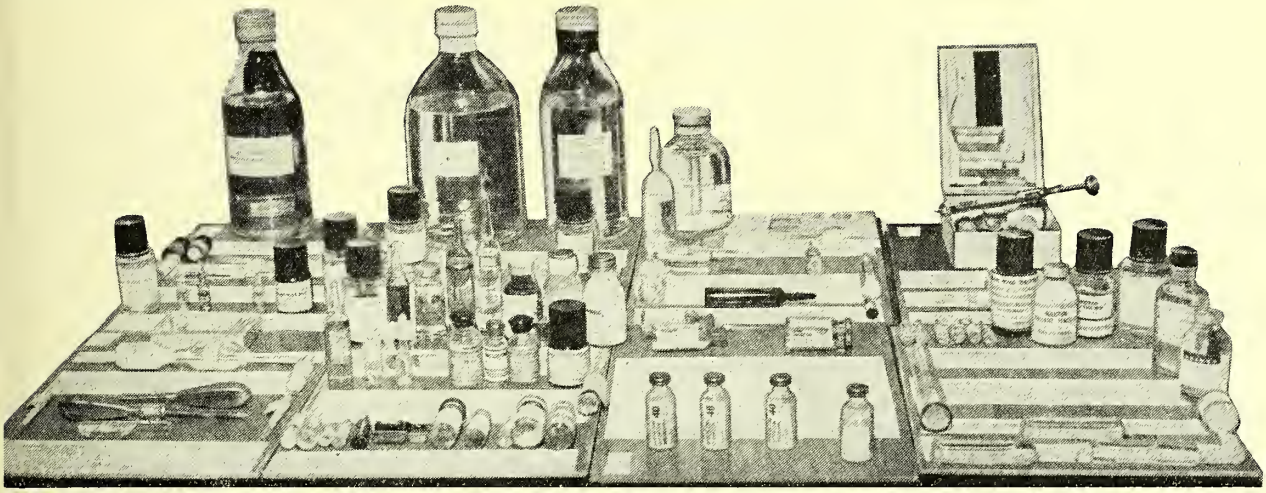
'Mepavlon' *(meprobamate)*

relieves tension and anxiety neuroses

IMPERIAL CHEMICAL INDUSTRIES LIMITED
PHARMACEUTICALS DIVISION WILMSLOW, CHESHIRE

ICI

Ph. 708



AN EXHIBITION FOR PHARMACOLOGISTS

How formulation and presentation affect drug action

SO specialised is the pharmaceutical industry today that many pharmacologists only vaguely know how the drugs whose actions they study are presented to the public. A step to remedy that situation was taken at a recent meeting of the British Pharmacological Society when Mr. T. D. Whittet (chief pharmacist, University College Hospital, London), staged a demonstration of elegantly prepared and attractively presented pharmaceutical products to show pharmacy at its best—and at its most adaptable. An example of the resourcefulness of the pharmacist was to be found in a display of medicinal lollipops. Prepared in a starch mould they look as attractive to the eye as any "flavour of the month," yet have proved a most effective means of inducing local anaesthesia prior to bronchoscopy. Amethocaine hydrochloride is the active ingredient, and the lollipop form was introduced because lozenges caused patients to anaesthetise only the front of their tongue, and chewing gum had proved unsatisfactory.

The method of introducing into the stomach by means of a flexible tube "a Hammersmith cocktail"—a special arachis oil and dextrose mixture, using a sorbitol derivative as emulsifier—was also illustrated.

One of the older galenicals on show was confection of senna, now largely replaced by a granular preparation. A tank of leeches gave an even more old-world touch, though in fact leeches are still used today to remove blood after excessive bruising and in some cases of glaucoma.

Historical associations were recalled by a bottle of Ringer's solution and capsules of amyl nitrite, for the first was connected with Sydney Ringer (apothecary at University College Hospital, 1861–64) and the second with W. Martindale (apothecary, 1868–73), who introduced the idea of crushable glass ampoules. A novel and most useful device for nurses allergic to certain antibiotics is an ampoule attached to a hypodermic needle by means of a plastic tube. In use, the cover is removed from the needle, which is inserted into the site of the injection. The neck of the ampoule is broken by pressing it against the side of the plastic tube and the solution, under positive pressure of nitrogen, is forced into the tissues.

An outcome of Mr. Whittet's personal researches appears in an exhibit of white tablets produced after an investigation of aminophylline tablets to find why they discoloured readily, especially in the presence of lactose or dextrose. Satisfactory tablets resulted when those substances were omitted and moist granulation was avoided.

A section of the exhibition was devoted to methods of modifying drug action by skilful formulation. Making use of material first prepared for inclusion in lectures to medical students, the demonstration was so successful, that the nursing tutors have asked to be allowed to use it in a week's special lectures to nurses at the hospital. Thereafter the exhibition will be shown at the hospital medical school. It is intended also that the exhibition shall be shown as a feature of the visits of pharmacy students to the hospital pharmacy department.

Correspondence

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

Appeal to Liverpool Students

SIR,—To mark his retirement a presentation is being made to Mr. John Butler, B.Sc., F.P.S., F.R.I.C., at an informal gathering at the Department of Pharmacy, Liverpool College of Technology, 2 Blackburne Place, Liverpool, 8, at 7.30 p.m. on February 6 (see *C. & D.*, November 10, 1956, p. 526). A cordial invitation is extended to all those wishing to be present. Contributions towards the presentation should be made by crossed cheques and postal orders, made payable to W. E. Coates.

N. H. BOOTH
W. E. COATES
W. E. COURT
Liverpool R. WHITTAKER

"Personality Still Counts"

SIR,—Sitting on a bus—behind two ladies who were discussing the "National Health Service in general, and prescriptions and pharmacists in particular," I was interested and amused at their comments. Number one said: "I always take my prescriptions to the Co-op pharmacy—it is such a lovely shop and they never keep you waiting long, like they do at —so-and-so's, Messrs. X—(a well-known multiple)." Number two says: "Oh, I always take mine to Mr. Y—(a just as well-known local private pharmacist), "he is such a nice old gentleman, and always seems to give you his own personal attention." It is a pleasure to be received with a pleasant smile nowadays. Don't you agree? So! It pays to be pleasant.

"JUST ANOTHER PH.C."

What 1957 May Bring

SIR,—At this early stage in 1957 may one speculate what the year will produce for pharmacy and pharmacists? *New Products,* no doubt, by the score. Some new in name alone maybe. *New Terms* for N.H.S. dispensing from the newly formed Government? We hope so. *New Status* for pharmacists in the Services, with a proper Pharmaceutical Corps? *Better Social Standing,* and salaries commensurate with the ever-rising standards of pharmaceutical education? Can we—dare we—hope for all this? Leadership is sadly lacking in our sphere of influence in the political picture. The Pharmaceutical Guild of Australia can give our British organisation a lead on how to organise. All types of pharmacist are included in it: Retail, commercial, hospital and research. Why cannot we do likewise?

CO-OPERATOR

"Congratulations"

SIR,—As an old reader of the *C. & D.* for nearly fifty years—it gives me the greatest pleasure to congratulate the Editor and staff on consistently producing such an excellent weekly publication as THE CHEMIST AND DRUGGIST. To all retail chemists particularly it has proved always full of interest on every page, and has provided this and previous generations of pharmacists with: 1, Excellent service through its famous popular "pink supplement." Situations vacant, businesses for sale, and wholesale and retail news, etc. 2, An excellent social survey of pharmacy and pharmacists, in their everyday activities (including births, deaths and marriages). 3, First-rate articles on scientific topics and interesting everyday information valuable to all practical pharmacists in their day-to-day occupations. May you and your good work long continue to the good of all who have interest in pharmacy and pharmacists and progress in our age-old craft.

R. G. DAVIES-JOHNS

An Encouraging Sign

SIR,—As a locum with many years' experience, it has always been a real pleasure to me to take duty for a "family" chemist. The almost legendary figure of the old-established chemist-friend of the family is as rare as the family doctor—perhaps more so. Looking back over fifty years in pharmacy one regrets the passing of those happy days when one's clients were friends who came to seek advice on all manner of things from baby's teething to Grannie's gout. The "family" chemist could advise on a hundred and one things and answer all sorts of queries. Modern high-power advertising, N.H.S. dispensing, gaudy window shows, commercial television and free coupons tend to convert the professional pharmacy into just another general cheap store. A few professional pharmacists carrying on family concerns contrive to maintain the tone of their important calling, and fortunately some of our younger pharmacists of the modern school are following their example, with encouraging results.

OLD TIME CHEMIST

Conference Science Papers

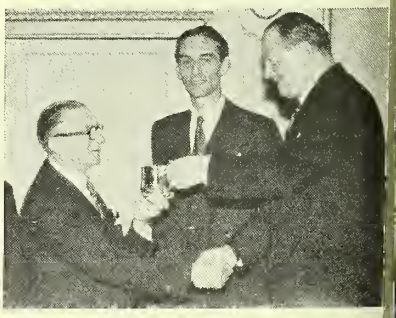
SIR,—The annual meeting of the British Pharmaceutical Conference for 1957 is being held in Bristol, September 2–6. The usual Science Sessions are being held for the presentation and discussion of papers, and we shall be glad to receive communications from research workers on subjects of pharmaceutical interest. It would be helpful if those who propose to contribute papers would let us know titles as soon as possible. By courtesy of the Editor of the *Journal of Pharmacy and Pharmacology,* copies of each paper will be available as usual before the Conference meets. In order to ensure that there is sufficient time to prepare those copies, manuscripts should be submitted *as early as possible before June 7.* Much of the success of the discussions on the science papers at the Conference depends upon prior circulation of the copies to the members. While it may be possible to consider papers received after that date, to provide advance copies may be difficult. Contributions accepted for the Conference will be published in the *Journal of Pharmacy and Pharmacology,* and authors will be entitled to a limited number of reprints. Papers should comply with the "suggestions to authors" issued by the Editor of the *Journal,* and copies of that document will be supplied on request. Papers should be as concise as possible, and a maximum of 4,000 words is suggested. To ensure adequate time for the communication and discussion of all papers submitted, the time taken in presenting each paper has to be limited. Each author is accordingly asked to submit, with three copies of his manuscript (but only one copy of diagrams or figures), a *précis* (not exceeding 600 words) of his contribution, and to present his paper to the Conference by reading that *précis.* Diagrams and tables need not be included in the *précis.*

H. G. ROLFE,
E. F. HERSANT,
Honorary General Secretaries
17 Bloomsbury Square,
London, W.C.1

MANUFACTURERS' ACTIVITIES

Civic Visit to Works. — The mayor and mayoress of Ealing (Alderman and Mrs. T. J. Brennan) recently visited the premises of Optrex, Ltd., Wadsworth Road, Perivale, Middlesex, as part of their plan to view local industries during the mayor's year of office. Mr. H. M. Seward (managing director) welcomed the visitors and presented the mayor with a book on accidents and their prevention in industry.

Beauty Show. — Mr. W. A. Sawdon (chairman, sports and social committee, Calmic, Ltd.) was responsible for a fashion and beauty show staged recently for the lady employees of the company. Sponsoring a display by Mr. P. T. Dransfield (for Max Factor Hollywood & London (Sales), Ltd.) was Mr. B. M. Measures, M.P.S., manager, Russell & Andress, chemists, Crewe.



RETIREMENT PRESENTATION: Mr. F. C. Balls, on retiring after thirty-eight years' service with Barclay & Sons, Ltd., wholesale chemists, Brighton, receives a silver tankard from Mr. J. E. Akers (chairman of the company). Mr. Balls has been for many years a director and manager of the warehouse.

The CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

ESTABLISHED 1859

Published weekly at

28 Essex Street, Strand, London, W.C.2

TELEPHONE CENTRAL 6565

TELEGRAMS: "CHEMICUS ESTRAND, LONDON"

Breach of Warranty and Breach of Contract

THE statement is made in the January issue of the magazine *Executive Council* that cases in which goods supplied under warranty are found to be unsatisfactory have often caused embarrassment to pharmaceutical service committees.

In a recent case the London Executive Council recommended that a firm of chemists should be censured and should forgo £3 3s. from their remuneration. The firm appealed against the decision, and the Ministry of Health asked for the observations of the Executive Council. The Council replied: It is assumed that reputable wholesalers wish to remain on good terms with their customers. If goods they supply are found to be unsatisfactory and the retailer is penalised by the Executive Council, he should be able to look to the supplier to indemnify him.

What are the rights of a buyer of goods under a warranty? If there is an inaccuracy may he recover damages? Is any legal responsibility placed on the seller for the inaccuracy? A short summary of the law on the points may prove of advantage.

Statements as to the nature or qualities of an article that is being sold may have induced the buyer to enter into the contract to purchase. Such statements may or may not form part of the contract itself. If they do they may constitute either a "warranty" or a "condition." If A is selling an article to B, and tells A "I think this is a good buy, you won't have reason to regret it," that is a mere "puff," and the statement does not form part of the contract even though it brings about a sale. But if A tells B that the article he is selling will do the job for which B requires it, then the statement becomes an express term of the contract. It is an essential term of the contract, and therefore a *condition*.

The difference between a condition and a warranty lies in the essential nature of the former. If broken, it entitles the other party both to recover damages and to repudiate the contract. A warranty entitles to damages only.

It is, of course, open to parties to make whatever agreements they please, and therefore to influence what, in the contract, is a condition. Even though not a material part of a contract, a statement may nevertheless induce a contract. If the statement is untrue, it may be innocent misrepresentation or, if made with knowledge of its falsehood, or with reckless disregard as to whether or not it is true, fraudulent misrepresentation.

Misrepresentation, whether fraudulent or innocent, entitles the aggrieved party to repudiate the contract, provided he acts promptly, and provided the position of the parties has not changed in the meantime. For instance, if the aggrieved party has in the meantime sold or dealt in the goods he purchased as the result of the representation, he has changed the circumstances in such a way that he is no longer entitled to repudiate the contract. If the representation was innocent, then for all practical purposes the only remedy is for the aggrieved party to rescind the contract: he could not recover damages. The right to rescind might be lost by lapse of time, and that, too, notwithstanding that the aggrieved party might, through no fault of his own, have failed to become aware at any earlier time of the misrepresentation. Statements may be made that have the effect of inducing the other party to enter into the contract, yet, though untrue, are not part of the contract itself. The line of distinction is a fine one, and may be difficult in particular instances to determine.

To sum up, a chemist contractor may have bought from a manufacturer goods which he supplies to a patient under the National Health Service. If they become the subject of discipline by his Executive Council because they do not comply with the specifications of, say, the Drug Tariff, then it becomes important to establish what condition or warranty resides in the contract of purchase. If there is no condition but a warranty, stated or implied, he may recover damages from the manufacturer but not repudiate the contract to purchase the goods.

Heroin as Export

THE report of the Central Opium Board for 1956 (see p. 57) states that five countries (the United Kingdom, the Netherlands, Belgium, France, and the Federal Republic of Germany) together exported 2·5 kilos of heroin in 1955. Seeking more detailed information of that item one might turn, reasonably enough, to the table on another page of the report showing exports of Dangerous Drugs by country. The table (pp. 46 and 47 of the report) appears to show that, in 1955, only the United Kingdom (1 kilo) exported any heroin at all, the appropriate space opposite each other country being occupied by a dash. Neither at the head nor at the foot of the table is there any clue to the fact that the dash means anything other than nil. There is not even a reference to explanatory notes elsewhere in the volume.

However, a search through other pages finally reveals, on p. 27 of the report, an explanation that the sign "—" in a table signifies "nil or an amount under 1 kilo." It follows that the other four countries mentioned as being concerned in the export of heroin must each have sold abroad less than 1 kilo, but together a total of 1·5 kilos of the drug. Considering that that is half as much again as the amount exported from Britain, it seems rather strange that it does not appear at the foot of the table column in the total showing exports of heroin from all countries, even though individual amounts have been considered to be too trivial to record.

No exports of heroin will be recorded from the United Kingdom for 1956: export of the drug was banned as from January 1 of that year.

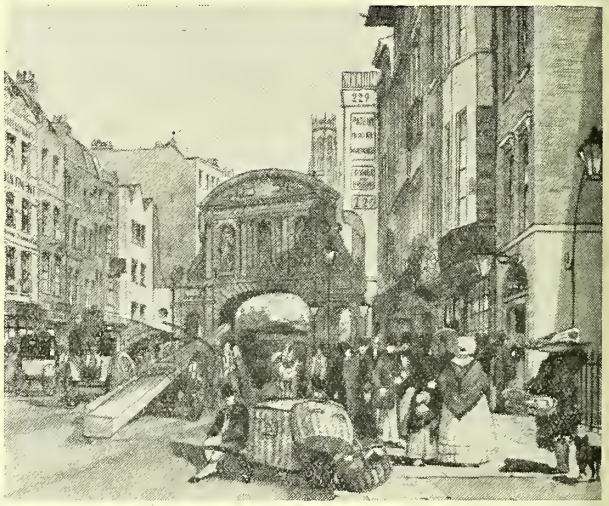
Onward from Galen

A CURRENT CAUSERIE

EUGENE GLEY, one of the founders of organotherapy, was born a century ago on January 16, 1857, at Epinal in eastern France. He graduated M.D. at the University of Nancy in 1881, and in 1908 became professor of general biology at the Collège de France in Paris. His many original and far-reaching contributions to physiology and to endoerinology include his discovery of iodine as an essential constituent of the thyroid gland; his demonstration of the therapeutic action of thyroid extract in myxœdema and following removal of the thyroid; his work on the rôle of calcium in the activity of the nervous system; and his rediscovery in 1891 of the parathyroid glands. Those bodies had previously been described in 1880 by I. V. Sandström, but his account attracted little attention. Gley was co-editor of the *Archives internationales de Pharmaco-dynamie et de Thérapie*. He died in Paris on October 24, 1930.

★

THE illustration reproduced here is a portion only of a large print recently produced, in delicate clean colours, by a leading London printer, presumably as a specimen of his high printing skill. Of that it is an example worthy to rank with the best. The print is entitled "Temple Bar from the Strand, 1842," and its interest for a pharmacist lies principally in the legends on the wall of No. 229 Strand (right centre of picture) and on the façade of the building on the extreme left, No. 243. The first (as the reader may verify, small as it is, by the use of a reading glass) reads PATENT MEDICINE WAREHOUSE in the upper rectangle and COMBS AND BRUSHES in the lower. An extended caption for the picture, provided by the printer, refers to the business carried on at the premises, and the hazards of a pedestrian in passing it. "In our progress along the Strand eastward," it reads, "we have now arrived in the immediate vicinity of Temple Bar. Essex Street, and the area surrounding St. Clement Danes, are now behind us. How different is that part of the thoroughfare from what



it was in the memory of many who have not yet passed middle life. Gay, in his *Trivia*, does not flatter the locality with the name of 'street,' but calls it the 'Pass of St. Clement's.' The following account which he gives of it (written 130 years ago) was applicable at the beginning of the present century:

Where the fair columns of St. Clement stand,
Whose straitened bounds encroach the Strand;
Where the low pent-house bows the walker's head,
And the rough pavement wounds the yielding tread;
Where not a post protects the narrow space,
And, strung in twines, combs dangle in thy face—
Summon at once thy courage, rouse thy care,
Stand firm, look back, be resolute, beware!

The comb shop alluded to by the poet must have continued in the same business for generations. It is in the reecollection of the present writer, who has seen the 'dangling combs' in that 'narrow pass'."

No. 229, with its queer projecting upper story, is the only remaining building from those of 1842. It is now the Wig and Pen Club. What sort of business, if any, was carried on at No. 243 opposite is not clear from the artist's drawing, but the wall space above it is used for an advertisement for HOLLOWAY'S OINTMENT AND EXTERNAL DISTRESS PILLS, both of which, to echo the author of the caption quoted above, are "in the reecollection of the present writer," though, if still marketed, he has not been able to locate in any price list with a later date than 1951.

★

WHO knows what of medicinal value may be discovered in the unexplored plant life of Central Africa? In the course of a comparatively few years we shall be in a much better position to know, for the Governments of Portugal, the Federation of Rhodesia and Nyasaland and the United Kingdom are collaborating in the preparation of a flora of Mozambique, the Rhodesias, Nyasaland and Bechuanaland. The project has been entrusted to a managing committee under the chairmanship of Dr. G. Taylor (director, Royal Botanic Gardens, Kew). The work will be carried out by botanists drawn from the participating countries, working at Kew, at the British Museum, and in Portugal, and supported by field collectors.

NOT SOLD OVER THE COUNTER.—In the article on "Tranquillisers, Ataraxics and Antidepressants" (*C. & D.*, January 12, p. 43) it was incorrectly stated that meprobamate can be bought over the counter in the United States. The graphic formula captioned "chlorcyclizine" was in fact the formula for reserpine.

URGENT PRESCRIPTION

So glad you were still open—my husband has had the cough a week.

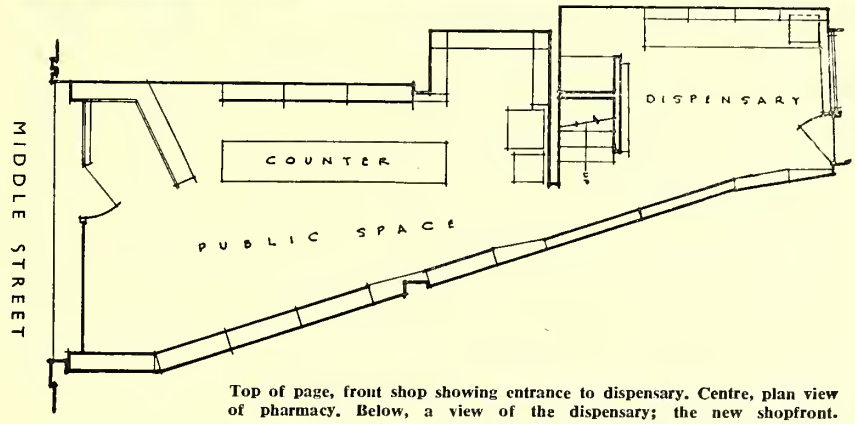
ONE OF FINEST NEW PHARMACIES IN THE WEST COUNTRY

Its owner believed in the future of the "private man"

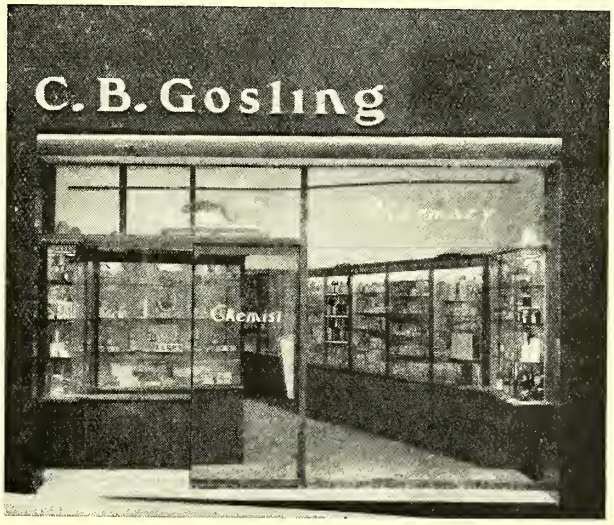
MR. C. B. Gosling, M.P.S., Yeovil, Somerset, is a pharmacist with faith in the future of private pharmacy. Backing that faith with action, he recently had his pharmacy in Middle Street refitted to make it one of the finest in the West Country. The structural alterations were considerable. They included removal of six chimney breasts, a wall and a staircase. The refit involved reshelving five stockrooms with the aim of increasing efficiency.

The shop itself is shaped like a right-angled triangle with a short base (15 ft. 6 in.) which forms the shopfront. The dispensary is situated at the apex of the triangle. There is no conventional shop window. The entire shopfront, including the door, is of glass. Looking through it one sees on the left a tall showcase almost parallel with the shopfront and reaching nearly halfway across the shop. Only the top part of the case is used for display, the lower third being of polished wood. The top part of the display case joins up with another that backs on to the left-hand wall of the shop and passes through the glass of the shopfront. There is a similar arrangement on the opposite (right-hand) side, where a glass showcase starts just outside the shopfront and passes through into the shop, where it continues as a wall case along the full length of that wall (the hypotenuse of the triangle) even into the dispensary. The lower halves of the wall cases are fronted with polished sliding doors, the upper part with sliding plate-glass doors. In the front shop, but not in the dispensary, the wall cases are illuminated.

Behind the showcase that reaches across the shop, but beyond the entrance, lies the counter, which is fitted with two illuminated showcases in front and risers for the display of goods on top. Behind the counter on the left-hand wall are illuminated wall fixtures.



Top of page, front shop showing entrance to dispensary. Centre, plan view of pharmacy. Below, a view of the dispensary; the new shopfront.



The dispensary is separated from the front shop by a staircase, one wall of which forms the rear wall of the front shop and the other wall the front wall of the dispensary. In the dispensary, the staircase wall is fitted with open shelving, constructed of hardwood, each exposed end being covered with white plastic, and the nosings and insides enamelled white. The left-hand wall of the dispensary is taken up with the dispensing bench. It is fitted above with white-enamelled open shelving, and below with cupboards and drawers, the fronts of which are faced with white plastic. The bench itself is in laminated plastic. The dispensary is fitted with a porcelain sink and a water heater. The Dangerous Drugs cupboard is placed under the window in the rear wall of the dispensary. All the flooring in the pharmacy is of lino tiles.

The entrance to the dispensary is marked by a polished walnut sign bearing in plastic letters the word DISPENSARY.

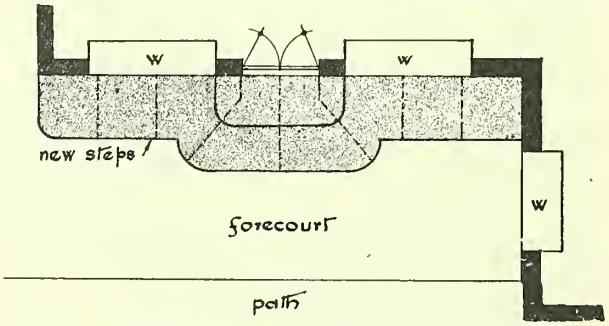
William Mason & Son, Ltd., Leeds, 12, were the shopfitters.

SHOPFITTING PROBLEM?

ANSWERS BY JAMES GRIMM

The pharmacy of which I am manager is in old-established premises in the centre of a town of 7,000 population. The floor level of the shop is much above that of the street, and the steps leading up to it are now badly worn and dangerous, needing to be replaced. I would be grateful for any suggestion for improving the layout of the new steps. Lowering the floor level of the shop would solve the problem, but as the work is not within our means we must be content to carry on with the steps, improved if possible. The frontage is small and the shop is almost obscured on one side by the large stores next door. If the steps could be built so as to give the effect of bringing the shopfront nearer to the edge of the path they would be a great asset.

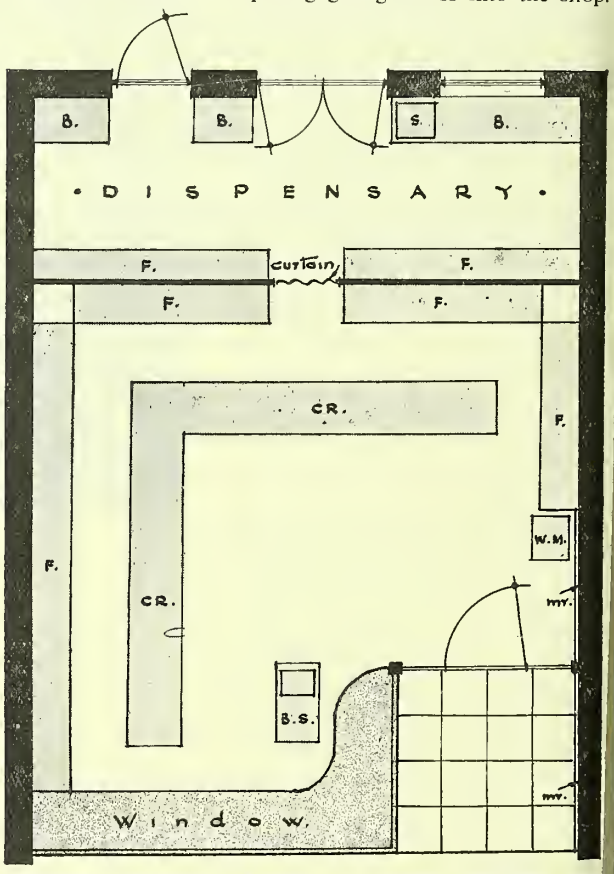
My sketch is based on the assumption that permission can be obtained from the local authorities to carry out the work. As you already have a wide forecourt between the front of your shop and the rear pavement (or path) edge, I do not think you should have undue difficulty in getting such a scheme approved. The existing steps would be removed and new steps formed. They would consist of a concrete core, screeded as required and covered with a cream-coloured terrazzo. The bottom step would be extended left and right under the shop windows and would be approximately 30 in. wide, thus forming a step forecourt in front of the whole of the premises and giving visual width.



The corners of the new steps should, I suggest, be radiused, and both steps and risers should have inlaid aluminium strips to form the pattern I have indicated by dotted lines. On your rough elevation the step heights vary: two are $5\frac{1}{2}$ in. high and the last one into the shop is $7\frac{1}{2}$ in. high. When the new steps are formed all riser heights should be equal, and that is safer for customers.

I am to be allocated a shop in a new town. Can you suggest a layout for it? The Corporation is putting in the plate-glass windows. We would like them to be unbacked in the modern style. A rough sketch of the site is enclosed.

The window and entrance have been retained, and I have assumed that the window bed would be 27 to 30 in. high. The window bed has been shaped as shown and there would be no enclosure. At the rear of the premises is shown a dispensary, 7 ft. wide and with dispensing benches along the rear wall, one of them fitted with a sink. Backing upon the dispensary dividing screen are two dispensing fittings with centre curtained opening giving access into the shop.



PROPOSED INTERIOR: B = bench. CR = counter. BS = baby scale. F = fitting. S = sink. MR = mirror. WM = weighing machine.

In the shop itself are stock fittings on right and left-hand walls and dividing screen. The fitting on the right-hand wall has been kept short of the entrance, and the wall treated with a mirror, ensuring adequate access. A mirror has also been shown on the lobby entrance wall. You might obtain that through the Corporation as part of the shopfront. An L shaped counter is shown for service, its overall length approximately 24 ft. A baby-scale table and weighing machine are also shown.

ECHOES OF THE PAST

GENUINE TINCTURE OF VALERIAN

From the *London Chronicle* or *Universal Evening Post*, March 27, 1760.

"Genuine tincture of valerian; made from the true Heath Valerian Root, according to Dr. Hill's latest improvements.

It is a pleasant, cordial and enlivening Medicine; good against all nervous Disorders; Fits, Headachs, Weakness, Heaviness, and Lowness of Spirits, Dimness of the Sight, Confused Thoughts, and Wanderings of the Mind; Vapours and Melancholy; all Kinds of Convulsions, and Hysteric Complaints; Epilepsies, and Paralytick Disorders in all their Stages, as also against Sickness of Stomach, and Flatulencies, Obstructions, and the convulsive Asthma.

Sold by R. Baldwin, Bookseller, in Pater-noster-row; and J. Jackson, Bookseller, in St. James's-street."

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

PHARMACIST REFUGEES

£1,400 response to president's appeal

THE amount received in response to the appeal of the president of the Pharmaceutical Society for contributions to the Society's emergency fund, to enable it to help any Hungarian pharmacists who might be among the refugees, exceeded £1,400. The Society, it was reported at the Council meeting on January 8 and 9, was already in touch with several Hungarian pharmacists who had arrived in Britain. It was pointed out that pharmacists expelled from Egypt were equally eligible for aid from the Society's emergency fund. There had been concern lest the needs of those sufferers should be overlooked. The Council agreed that further attention should be called to the need for contributions to the Society's emergency fund, although it was recognised that members had already contributed generously to other funds for refugee relief.

A letter was received from the Lord Mayor of London's National Hungarian and Central European Relief Fund, thanking the Council for its gift of £262 10s.

The Society has congratulated the following members who were included in the New Year Honours list: Egbert Frederick Cooper, J.P., M.P.S., Bishop's Stortford (O.B.E.); Aubrey J. Bearman, F.P.S., chief pharmacist, Federal Medical Services, Nigeria (M.B.E.), and D. W. H. Roberts, M.P.S., pharmacist, H.M. Prison, Wormwood Scrubs (M.B.E.).

Obituary

The President reported the death of Mr. A. W. Ritchie, M.P.S., Montrose, and of Sir William Wright Smith, Edinburgh.

Resignation of Dr. Giles

Dr. J. A. Giles (Privy Council member of the Society's Council) has resigned his appointment on medical grounds. THE PRESIDENT said that they had learned with sympathy and regret that the state of his health had compelled Dr. Giles to retire from the Council. Though his interpolations at the Council table had been few, he would long be remembered among them for his unfailing dignity and courtesy. A letter of thanks for his services is being sent to Dr. Giles.

Congress of Pharmaceutical Sciences

The seventeenth International Congress of the Pharmaceutical Sciences is being held in Leiden, Holland, September 12–14.

Shops Bill

The Council agreed to an exchange of views on the Shops Bill with other pharmaceutical organisations.

Proprietary Medicines

A meeting of three representatives from each of the following bodies will discuss the problems of marketing, prescribing and dispensing proprietary medicines: The Guild of Public Pharmacists, the Chemists Federation, the National Pharmaceutical Union, the Association of British Pharmaceutical Industry, the Proprietary Association of Great Britain, and the Pharmaceutical Society.

Registers

Thirty-one persons were registered as "student" in December, making a total of 777 for 1956 against 849 in 1955. Six former members of the Society, having paid the necessary fees and penalties, were restored to the Register. On the Law Committee's recommendation it was agreed that the names of two persons removed from the Register more than ten years ago should be restored. Recommendations were adopted for the registration of eight persons under reciprocity arrangements.

Inspection of Schools

THE SECRETARY reported that the period of approval for providing courses of instruction for the Society's Qualifying examination granted by the Council to Aberdeen, Bradford, Brighton, Edinburgh, Leicester, Portsmouth and Sunderland Schools of Pharmacy would expire in July 1957. The chairman of the Education Committee was authorised to appoint visitors for visits of inspection to those schools.

Price of the Register

The price of the Register of Pharmaceutical Chemists is being increased to £3 10s.

Benevolent Fund and War Aid Committee

Grants amounting to £230 10s. have been made to five widows, one member and one dependant of a member. Recommendations for grants amounting to £182 to two other widows were approved. Two applications for assistance were deferred. Grants amounting to £168 19s. for special purposes were made in four other cases, and the amount of one annuity was reduced from £50 to £27 6s. Christmas gifts of £2 2s. each were made to thirty-five children aged under sixteen whose parents were receiving assistance from the Benevolent Fund, and to four children whose parents were beneficiaries of the War Aid Fund. The quarterly report of the Benevolent Fund showed that in the last quarter of 1956 grants totalling £3,257 were made to fifty-eight applicants, against fifty-two grants and £3,399 12s. in the same period of 1955. Receipts in 1956 were £16,616 8s. 9d. (including subscriptions of £8,202 13s. 11d.) against £14,797 7s. 5d. (subscriptions £7,760 17s. 4d.) in 1955. From the War Aid Fund in the December quarter of 1956 four grants were made, amounting to £304. A legacy of £100 was received for the Benevolent Fund from the estate of the late Mr. C. E. Sprott, Eastbourne. A cheque of £90 to provide a new television set for the convalescent home at Birdsgrove House was received from the Coventry and Warwickshire Branch.

In the month to December 16, 1956, twenty-four guests stayed at the home for an aggregate of forty-one weeks, against twenty guests and forty weeks in the same period of 1955. Six contributions to supplement weekly payments, a total of £15 6s., were received. Gifts in kind were also reported. The secretary was asked to convey to Mr. Mellor the Committee's congratulations and best wishes on his eightieth birthday.

Thanks from Jugo-Slav Pharmacists

A letter of thanks was received from the president and secretary of the Union of Pharmaceutical Societies of Jugoslavia for the "hospitality and cordiality bestowed on us during our short but very pleasant and useful stay in your country." The letter added that the similarity of pharmaceutical problems in the two countries and of the efforts of the respective societies to solve them would, they were sure, lead to closer and closer relations.

Law Committee

In November 1956, the Society's inspectors and agents visited 1,121 authorised sellers, 150 listed sellers, and 517 drug-store proprietors and similar traders, states a report of the Law Committee. Nine cases of alleged infringements of the Pharmacy Acts were considered, and appropriate action taken.

GUIDE TO NEW MEDICAMENTS

Information about proprietary products supplied principally on prescription. Reprints on perforated gummed paper for affixing to index cards are obtainable from the Editor.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (January 19, 1957).

HYDRO-ADRESON

MANUFACTURER: Organon Laboratories, Ltd., Brettenham House, Lancaster Place, London, W.C.2.

DESCRIPTION: OINTMENTS containing 1 per cent. (10 mgm. per gm.) or 2·5 per cent. (25 mgm. per gm.) hydrocortisone (free alcohol) in a neutral, water-miscible base; and a SALINE SUSPENSION containing hydrocortisone acetate, 25 mgm. per c.c.

INDICATIONS: OINTMENT: Dermatitis; eczema; lichen simplex; neurodermatitis; otitis externa; pruritus. SUSPENSION: Bursitis; ganglionitis; osteoarthritis; rheumatoid arthritis; tenosynovitis.

DOSAGE: OINTMENT: Selection of the strength of ointment and frequency of application is determined by the severity of condition treated. SUSPENSION: 12·5 to 37·5 mgm., depending upon size of joint.

HOW SUPPLIED: OINTMENT: 1 per cent. or 2·5 per cent. in 5-gm. and 15-gm. tubes. SALINE SUSPENSION: In 5-c.c. vial containing 25 mgm. per c.c.

FIRST ISSUED: November 1, 1956.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (January 19, 1957).

OBLIVON-C Ovets

MANUFACTURER: British Schering, Ltd., 229 Kensington High Street, London, W.8.

DESCRIPTION: A long-acting derivative of Oblivon presented as sea-blue sugar-coated ovoid tablets (Ovets), each containing 100 mgm. of methylpentynol carbamate.

INDICATIONS: (1) The long-term management of anxiety states. (2) As an aid to the treatment of conditions like asthma and migraine with an obvious underlying stress factor.

DOSAGE: *Adults,* 1–2 Ovets three times a day, and 2–4 at bedtime if necessary; *Children* (5–10 years), 1 Ovet three times a day, with 1–2 Ovets at bedtime.

HOW SUPPLIED: In container of 100.

FIRST ISSUED: November 5, 1956.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (January 19, 1957).

NEONAL

MANUFACTURER: H. R. Napp, Ltd., 3 Clements Inn, London, W.C.2.

DESCRIPTION: An analgesic cream containing salicylic ester of ethylene chlorhydrin, 10·0 per cent.; methyl nicotinate, 1·0 per cent.; guaiacyl nicotinate, 1·5 per cent.

INDICATIONS: Rheumatism, rheumatoid arthritis, fibrositis, lumbago, neuritis, sciatica and muscular pain.

USE: The cream should be gently massaged into the affected area until penetration is complete. Repeated as required.

HOW SUPPLIED: In 1-oz. tube.

FIRST ISSUED: November 1956.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (January 19, 1957).

COLCHIPIRINE

MANUFACTURER: Continental Laboratories, Ltd., 101 Great Russell Street, London, W.C.1.

DESCRIPTION: Tablets, each containing colchicine, B.P., 0·1 mgm.; acetylsalicylic acid, B.P., 300 mgm.; aneurine hydrochloride, B.P., 8 mgm.

INDICATIONS: Chronic rheumatism including muscular rheumatism and allied conditions, osteo-arthritis, rheumatoid arthritis and rheumatic inflammatory disorders of the joints; and gouty conditions.

DOSAGE: *Rheumatism,* 1–2 tablets three times daily for fifteen to twenty days. *Basic treatment of gout,* 1–2 tablets three times daily for as long as necessary. *Intensive treatment of acute, subacute or recurrent gout,* 3–4 tablets three times daily for four or five days followed by 1–2 tablets daily for as long as necessary.

HOW SUPPLIED: In bottles of sixty and 400 tablets.

FIRST ISSUED: November 12, 1956.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (January 19, 1957).

FLUSCORBIN

MANUFACTURER: Continental Laboratories, Ltd., 101 Great Russell Street, London, W.C.1.

DESCRIPTION: Tablets, each containing ascorbic acid, B.P., 0·15 gm.; quinine dihydrochloride, B.P., 0·08 gm.; quinidine sulphate, B.P., 0·001 gm.; phenacetin, B.P., 0·05 gm.; caffeine, B.P., 0·005 gm.

INDICATIONS: Influenza, the common cold, coryza and allied conditions.

DOSAGE: *Influenza,* First day, 2 tablets every four hours; second day, 1 tablet every four hours.
Common Colds, 1 tablet every four hours for three days.
Children (6–12 *years*), half the above dosage.

HOW SUPPLIED: In tube of eighteen tablets.

FIRST ISSUED: November 12, 1956.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (January 19, 1957).

PUROVERINE

MANUFACTURER: Sandoz Products, Ltd., 134 Wigmore Street, London, W.1.

DESCRIPTION: TABLETS each containing 0·25 mgm. of the protoveratrine complex (0·17 mgm. A and 0·08 mgm. B); AMPOULES containing, in 1 mil, 0·1 mgm. of the protoveratrine complex (0·07 mgm. A and 0·03 mgm. B); *plus* 3 mgm. of the local anaesthetic *p*-aminobenzoyl-N-diethylleucinol methanesulphonate.

INDICATIONS: Hypertensive toxaemias of pregnancy.

DOSAGE: ORAL: 1–4 tablets every two to four hours according to response of patient. Usual maintenance dose, 2 tablets every four hours. Care must be taken not to give too high a dosage as that may produce marked hypotension. INTRAMUSCULAR: 0·1–0·4 mgm. every one to six hours. INTRAVENOUS INFUSION: 1–5 ampoules are added to 1,000 mils of 5 per cent. dextrose solution and administered at the rate of 30 drops per minute. After ½ hour the rate may be increased if the response is unsatisfactory. After another hour, if necessary, 1 ampoule may be injected over a period of 2 minutes direct into the infusion tubing. That injection may be repeated.

HOW SUPPLIED: TABLETS, in bottles of 100 and 1,000; AMPOULES, in boxes of six and twenty.

FIRST ISSUED: September 1956.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (January 19, 1957).

COBEVIT

MANUFACTURER: The Armour Laboratories (Armour & Co., Ltd.), Hampden Park, Eastbourne, Sussex.

DESCRIPTION: A freeze-dried vitamin B complex for intramuscular injection. Each vial contains aneurine hydrochloride 100 mgm.; riboflavine, 10 mgm.; nicotinamide, 250 mgm. pyridoxine, 10 mgm.; calcium pantothenate, 50 mgm.; vitamin B_{12}, 100 microgm.

INDICATIONS: Vitamin B deficiency, particularly when associated with dietary deficiency resulting in anorexia, hyperchlorhydria, constipation or diarrhœa, stomatitis and glossitis; periods of growth and adolescence, pregnancy and lactation senescence; metabolic diseases such as hyperthyroidism; periods of mental and physical stress.
As a routine adjunct to the use of antibiotics and sulphonamides which destroy intestinal flora responsible for biosynthesis of the B vitamins.
As a protective against deficiency during restricted dietaries and after major gastric and intestinal surgery.
As supporting therapy in cardiac decompensation.
Irradiation sickness, febrile illnesses and convalescence, conditions of faulty lipid metabolism.
As an adjunct to the massive use of single vitamins in fran deficiency states.

DOSAGE: 1–2 daily, intramuscularly.

HOW SUPPLIED: In carton of 1 vial of Cobevit and 1 vial of solvent.

FIRST ISSUED: November 12, 1956.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (January 19, 1957).

CHYMAR

MANUFACTURER: The Armour Laboratories (Armour & Co., Ltd.), Hampden Park, Eastbourne, Sussex.

DESCRIPTION: A suspension of chymotrypsin in sesame oil for intramuscular injection, each mil containing 5,000 units of tryptic activity.

INDICATIONS: Chronic ulcers, reduction of hæmatomas, swelling due to trauma, cellulitis, phlebitis, and inflammation of the eye.

DOSAGE: 0·5 mil is injected deep into the gluteal muscle, one to three times daily until clinical improvement is achieved. The number of injections is reduced according to patient's response.

HOW SUPPLIED: In 5-mil vial.

FIRST ISSUED: November 12, 1956.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (January 19, 1957).

IPESANDRINE

MANUFACTURER: Sandoz Products, Ltd., 134 Wigmore Street, London, W.1.

DESCRIPTION: A cough syrup, each teaspoonful (3·5 mils) of which contains: Alkaloids of ipecacuanha, 0·175 mgm. (gr. 1/350) (calculated as emetine); alkaloids of. opium, 0·5 mgm. (gr. 1/120) (calculated as anhydrous morphine); ephedrine hydrochloride, 1·75 mgm. (gr. 1/35); syrup, 3·85 gm.; balsam of tolu; cherry laurel water.

INDICATIONS: Cough, bronchitis.

DOSAGE: *Children up to six years,* ½–1 teaspoonful three to four times daily; *six to twelve years,* 1–2 teaspoonfuls three to four times daily; *adults,* 1 tablespoonful three to four times daily or as directed. The preparation should not be taken on an empty stomach.

HOW SUPPLIED: In bottles of 3 and 7 fl. oz.

FIRST ISSUED: December 1956.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (January 19, 1957).

RUBRIMENT

MANUFACTURER: Horlicks, Ltd., Pharmaceutical Division, Slough, Bucks.

DESCRIPTION: A long-acting rubefacient, available as both a cream and a liniment, containing 2·5 per cent. nicotinic acid benzyl ester and 0·1 per cent. capsicin.

INDICATIONS: Relief of pain in conditions such as muscular rheumatism, fibrositis and lumbago. Relief for unbroken chilblains.

USE: One (more if necessary) application per day.

HOW SUPPLIED: *Liniment,* in bottle of 2 fl. oz. (approximately); *Cream,* in tube of 20 gm. (approximately).

FIRST ISSUED: November 5, 1956.

REFERENCES: *Z. ges. inn. Med.,* 1953. **8.** 99. *Schweiz. med. Wschr.,* 1950. **80.** 1180. *Ther. d. Gegenw.,* 1952. **91.** 344.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (January 19, 1957).

DEXTEN IONEX-TABS

MANUFACTURER: Clinical Products, Ltd., 2 The Green, Richmond, Surrey.

DESCRIPTION: Tablets, each containing 25 mgm. dexamphetamine resinate in which the equivalent of 10 mgm. dexamphetamine sulphate is bonded to an ion-exchange resin. The dexamphetamine sulphate is released into the blood stream by controlled ionic exchange evenly during 10-12 hours.

INDICATIONS: In all conditions where amphetamine therapy is required, such as appetite control, as a stimulant where overwork or conditions of stress have induced mental depression and/or physical fatigue, Parkinsonian syndrome, hypothyroidism, hypotension, etc.

DOSAGE: 1 tablet on rising or at breakfast. Optimum dose should be estimated starting with ½ tablet daily. The drug should not be given after 10 a.m.

HOW SUPPLIED: In safety container of thirty and bottle of 250 tablets.

FIRST ISSUED: November 12, 1956.

REFERENCES: Saunders and others, *J. Pharm. Pharmacol.,* 1956. **8.** 975.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (January 19, 1957).

BARBIDEX IONEX-TABS

MANUFACTURER: Clinical Products, Ltd., 2 The Green, Richmond, Surrey.

DESCRIPTION: Tablets, each containing 25 mgm. dexamphetamine resinate in which the equivalent of 10 mgm. dexamphetamine sulphate is bonded to an ion-exchange resin for release into the blood stream by controlled ionic exchange evenly during 10-12 hours; and gr. 1 of phenobarbitone.

INDICATIONS: Day-long relief of anxiety and depression and day-long appetite control; all conditions where dexamphetamine therapy with sedation is normally required, emotional instability and anxiety states, reactive depression; and in psychiatry as an adjunct to psychotherapy.

DOSAGE: 1 tablet on rising or at breakfast. Optimum dose should be estimated starting with ½ tablet daily. The drug should not be given after 10 a.m.

HOW SUPPLIED: In safety container of thirty and bottle of 250.

FIRST ISSUED: November 12, 1956.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (January 19, 1957).

RONICOL compositum

MANUFACTURER: Roche Products, Ltd., 15 Manchester Square, London, W.1.

DESCRIPTION: A vasodilator containing in each 1-c.c. ampoule: Ronicol (β pyridyl carbinol), 100 mgm.; acetylcholine chloride, 50 mgm.; Mestinon (pyridostigmin bromide), 1 mgm.; and glycofurol to 1 c.c.

INDICATIONS: Treatment of peripheral circulatory deficiency; arteriosclerosis and thrombo-angiitis obliterans.

DOSAGE: See maker's literature.

HOW SUPPLIED: In boxes of six 1-c.c. ampoules.

FIRST ISSUED: November 12, 1956.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (January 19, 1957).

PANSEDON

MANUFACTURER: Veritas Drug Co., Ltd., Shrewsbury, Salop.

DISTRIBUTORS: Coates & Cooper, Ltd., West Drayton, Middlesex.

DESCRIPTION: Tablets, each containing Opilon (acetoxy-thymoxy-ethyldimethylamine hydrochloride), 5 mgm.; ext. bellad. rad., 7·5 mgm.; phenobarbitone, B.P., 15 mgm.

INDICATIONS: Disorders caused by the imbalance of the autonomic nervous system, such as headache, vertigo, fatigue, functional cardiovascular disturbances, disturbed sleep, functional gastrointestinal disturbances; endocrine disorders related to vegetative dystonia: menopausal disturbances, mild thyrotoxicosis, hyperemesis gravidarum; autonomic dysfunction in neuroses and psychoses: depression, anxiety states; organic disease related to autonomic dysfunction: peptic ulceration.

DOSAGE: 1–2 tablets three times a day after meals. That dose may be reduced gradually to 1 tablet in the evening. A common satisfactory dosage is 1 tablet in the morning, 1 at midday and 2 tablets at bedtime. In very severe cases treatment may be initiated with 3 tablets three times a day for two to three days.

HOW SUPPLIED: In bottles of twenty-five, 100 and 1,000 tablets.

FIRST ISSUED: November 1956.

REFERENCES: Meisenburg, J., *Munch. med. Wschr.,* 1956. **21.** 763. Meisenburg, J., *Medizinische,* 1956. **19.** 735.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (January 19, 1957).

NORMACOL ANTISPASMODIC

MANUFACTURER: Norgine Pharmaceutical Products (London), Ltd., 19 Manchester Square, London, W.1.

DESCRIPTION: A laxative containing the active constituents:—Sterculia, B.P.C., 62 per cent.; bis-gamma-phenylpropyl-ethylamine citrate, 0·5 per cent.

INDICATIONS: Spastic and hypertonic constipation.

DOSAGE: *Adults,* 1–2 heaped teaspoonfuls once or twice daily after the principal meals, or on retiring; *Children,* one-half of the adult dose.

HOW SUPPLIED: In packs of 4, 8 and 16 oz.

FIRST ISSUED: November 1956.

NOTES ON NEW MEDICAMENTS

COMMENTS on items given in Guide to New Medicaments (p. 70) especially to show their relationship —pharmacological or chemical—with other products or compounds.

RONICOL COMPOSITUM.—*Chemistry:* Ronicol is β-pyridyl carbinol, the alcohol corresponding to nicotinic acid. It has the vasodilator action of the parent drug, but a longer effect. A similar vasodilator action follows the use of acetylcholine, but normally that is so rapidly inactivated in the body that the action is evanescent. The addition of pyridostigmin prevents that inactivation and so prolongs the activity. Glycofurol is used as the solvent, as acetylcholine is unstable in aqueous solution.

RUBRIMENT.—Nicotinic acid and many of its derivatives have vasodilatory properties. Some of those derivatives, although unsuitable for internal use, are effective when applied locally. Rubriment contains benzyl nicotinate in association with capsicin. The latter is a constituent of many dubifacient products, often in association with organic salicylates, but is used together with methyl nicotinate in Algipan.

COLCHIPIRINE. — Colchicum is a powerful eliminant of uric acid, and for that reason it is a standard remedy for acute gout. In Colchipirine those properties are enhanced by the anti-rheumatic effects of aspirin, and the combination is stated to be of value in chronic rheumatism as well as gout. Cinchophen is also effective in gout, but its toxic effects prevent its widespread use. Other remedies for gout include Benemid (probenecid) and Mephosol. The latter contains salicylamide, mephenesin and homatropine methylbromide.

PANSEDON.—Phenobarbitone with belladonna and ergot alkaloids is often used for the treatment of the various forms of autonomic disturbances. PanSedon contains a new sympathicolytic drug, and has advantages when an ergot preparation is not desired. A similar product, but containing ergotamine tartrate, is Bellergal.

NORMACOL ANTISPASMODIC. — The use of bulk-forming laxatives is now an established therapy, and good results have been obtained when constipation is due to intestinal atony. Where spasm is also present, simple bulk laxatives are sometimes less efficient unless combined with a spasmolytic such as atropine. Normacol-Antispasmodic incorporates a new antispasmodic in a bulk laxative derived from sterculia, and is intended for the relief of spastic constipation. Plain bulk laxatives include Normacol, Isogel, Celevac, Vi-Siblin, Arcolax, Cellucon, Blandlax and Collogel.

FLUSCORBIN.—The value of quinine as an antipyretic has been overshadowed by the advent of synthetic drugs. In Fluscorbin the older remedy is combined with phenacetin. Ascorbic acid is included to replace the rapid loss of this vitamin that occurs in fever, and to increase the tolerance to quinine. Kina-Redoxon is a similar product containing 30 mgm. of quinine sulphate and ascorbic acid.

COBEVIT.—The difficulties of preparing stable solutions of the vitamin B complex factors are well known. In Cobevit those difficulties have been eliminated by the freeze-drying process, in which stability is ensured by the low-temperature elimination of water. In Becosym the factors are separated to some extent, and the product is supplied as twin-ampoules. Betalin is a ready-prepared solution for injection, but requires refrigerator storage.

DEXTEN AND BARBIDEX.—Those products exploit the properties of the ion-exchange resins to obtain a slow release of the drugs combined with them. The rate of absorption of the drug is therefore kept at a steadier level, and is free from the peaks of activity that follow the use of standard forms of presentation. Another form of slow-release drug is the Spansule.

OBLIVON C. — The tranquillising action of methylpentynol is sometimes too brief, but the carbamate of that base has an action stated to be some five times longer than that of the parent drug. Oblivon C is a preparation of the derivative. Another tranquillising drug of relatively mild action is meprobamate (Equanil, Mepavlon, Miltown).

MISCELLANEOUS INQUIRIES

Hair Cream

Can you give me a formula for a water-in-oil hair cream?

THE following formula for a water-in-oil-type hair cream is suggested in *Pharmaceutical Formulas* Volume 2.

Self-emulsifying glyceryl monostearate	6 parts by weight
Liquid paraffin	30 parts by volume
Distilled water	64 parts by volume
Perfume	a sufficiency

The product may be prepared by dissolving the emulsifying agent in the liquid paraffin over a water bath; adding the water previously heated; heating with stirring, until the mixture is homogeneous; and then continuing the stirring until it is practically cold, the perfume being meantime worked in. Alternatively the monostearate, liquid paraffin and water may be heated together until a homogeneous mixture results, which is then stirred until cool. When cool, the preparation is diluted with distilled water to the required consistency. It should not be too thin, otherwise separation may take place on long standing. In place of the glyceryl monostearate any of a number of emulsifiers now available may be used.

Another formula is as follows:—

White wax	10 parts
Liquid paraffin	130 parts
Distilled water	15 parts
Borax	1 part

Melt the wax in fifty parts of liquid paraffin. Place in a mortar and stir in the remainder of the liquid paraffin. Add the distilled water in which the borax has been dissolved and stir the cream formed consistently until cold. Almost any compound suitable for scenting soap could be employed with these hair preparations, but perfumes containing vanillin, which is well known to produce discoloration, should be avoided.

Dissolving Polythene

Is there any solvent for polythene?

AT temperatures below 60° C. (140° F.) polythene is not soluble to any appreciable extent in any solvent, but above this temperature the solubility in organic solvents (hydrocarbons and halogenated hydrocarbons) rises rapidly. A suitable solvent is xylene, as its boiling point is well above the melting point of polythene. Solutions of polythene in organic solvents must be used at temperatures greater than 75° C. (165° F.) to keep the polythene in solution.

Emulsifying Agent for a Cough Mixture

Can you suggest a suitable emulsifying agent for a cough emulsion containing tinct. benzoin. co., acet. scill., acid. acet. and tinct. lobel. æther.?

METHYL cellulose is a suitable substance for dispersing the resins in the tinctures, and it is also compatible in acid solution. Varying viscosities may be used, but approximately 1 per cent. is sufficient; increasing the amount increases the viscosity. Added flavouring and sweetening is recommended.

WORLD TRADE

Indian DDT Factory.—An American company has been awarded a contract, valued at $737,100 for work on the second Indian DDT factory which is to be erected at Alwaye in Kerala. The contract, which provides for a rupee expenditure of 150,000 rupees, is for the installation and commissioning of the plant. The U.S. company has undertaken to erect the plant and bring it into full production within eighteen to twenty-three months. The Alwaye factory will have an annual production capacity of 1,400 tons of DDT, and will employ 250 workers. The Government have also decided to double the capacity of the factory set up near Delhi about a year ago, with the assistance and technical collaboration of U.N.I.C.E.F.

Pakistan Import Policy.—The Pakistan Government import policy for the first half of 1957 was outlined by the Controller of Imports and Exports, Mr. I. A. Khan, in a radio broadcast recently. The number of items for which import licences will be granted by the Pakistan Government is to be cut from 207 to 193 during the first half of 1957. Some items have been deleted on account of their "comparative inessentiality or their seasonal nature, stated Mr. I. A. Khan (Controller of Imports and Exports). Items omitted include medicated soap and soap flakes and razor blades. Industrial needs continue to enjoy topmost priority, but at the same time an attempt has been made to ensure the supply of essential consumer goods like drugs and medicines, etc., said Mr. Khan.

Swiss Chemical Exports Rise.—A survey of economic conditions in Switzerland during 1956, published by one of the country's leading banks, states that the chemical and pharmaceutical industry succeeded in expanding overseas sales still further in 1956. However, the rate of increase was below that registered for all exports. Exports of dyestuffs showed a decline by ten per cent. during the first half of the year under review but subsequently made a good recovery so that previous losses were more than made good by November 1956. Exports of pharmaceutical products (which aggregated one-and-a-half times that of dyestuffs) exceeded by November the value for the comparative period of 1955 by no less than 11·1 per cent. In spite of more severe competition, the industry succeeded in approximately maintaining prices in territories with sound currencies. On the other hand, official price regulations in the remaining markets made it exceptionally difficult for Swiss manufacturers to obtain prices which were sufficiently related to increased production and distribution costs. In certain countries, notably in South America, the rapidly changing import regulations and the complicated exchange control systems made it scarcely possible to supply customers in accordance with the requirements which resulted in a further transfer abroad of certain manufacturing processes. Exports of pharmaceutical products to the Far East registered a considerable increase, due in particular to trade with India, Iran and Thailand.

FAREX—the food that shepherded her on to solids, as soon as she weighed about 15 lbs. Farex — her basic food for the past six months. Farex — part of her daily diet for the rest of the formative years to come. Farex — what a satisfying product to handle.

FAREX – the 3-cereal food

TRADE MARK In 10 oz. cartons

FACE PRICE 1/4 each. TRADE PRICE 12/10 per doz. PARCEL RATE 2 doz. x 10 oz. cartons £1.4.0.

GLAXO LABORATORIES LTD., GREENFORD, MIDDLESEX BYRon 3434

For the common sore throat

Tyrosolven lozenges are indicated in the treatment of mouth and throat infections. They contain tyrothricin (a potent antibiotic) and benzocaine (a mild local anaesthetic) in a pleasantly-flavoured base. Chemists get a full one-third profit on Tyrosolven lozenges, and can increase their counter trade by recommending them in any painful throat infection. Though heavily prescribed by doctors, Tyrosolven is not a "prescription only" line; the lozenges are not subject to Purchase Tax and they are inexpensive.

Tyrosolven

Trade Mark

PRICES: *Available in packs of 20 lozenges at 2/6 each; Retail list price per dozen 20/-.*

Dispensing packs of 250 lozenges supplied at 15/- each. Tyrosolven is not subject to Purchase Tax.

There is a 5% discount for orders of Warner products to a minimum value of £5.

WILLIAM R. WARNER & CO. LTD.,
Power Road, London, W.4.

TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, JANUARY 16: The markets were generally quiet during the week but the undertone was firm particularly in CRUDE DRUGS where an increasing number of commodities are in short supply.

SENNA was firmer throughout the whole range; most parcels of the better-quality Alexandrian pods have been taken up and whilst there are still some of the medium grades on the market, the few remaining parcels of selected pods are being held by merchants for their own customers. Shipments of Tinnevelly senna from the port of Tuticorin during December 1956 were as follows:—

	U.K.	U.S.	Continent
SENNA	Tons	Tons	Tons
LEAVES ..	9	90*	74
PODS ..	9	10*	14

*Including 64 tons of leaves and 10 tons of pods to Buenos Aires.

Stocks of BUCHU are also depleted and holders require threepence per lb. above recent askings. Most imported HONEY was dearer on the spot, while shippers of CINNAMON QUILLS were quoting twopence per lb. more for all grades. There were no shipment offers of IPECACUANHA from any quarter, limited quantities of spot material, however, could be found. AGAR for shipment was down by about fourpence per lb.

Among AROMATIC SEEDS Indian CELERY was scarce on the spot with nothing available in first hands; afloat parcels were offered in small lots only. The market for CORIANDER continued steady despite business being at a low level.

Manufacturers' rates for ANEURINE HYDROCHLORIDE are being reduced on January 21; the 1-kilo rate becomes £19 2s. 6d. against £22 5s. at present.

The peak for CASTOR OIL appears to have passed and home-produced oil was quoted £10 per ton lower.

Pharmaceutical Chemicals

ACETANILIDE. — 1-cwt. lots are 2s. 9½d. per lb. for crystals and 5-cwt., 2s. 8½d. Powder is 1d. per lb. more.

ACETIC ACID. — B.P. glacial in 10-ton lots is £97 per ton naked and technical. £91. Carboys are £8 and demijohns £10 per ton extra.

ADRENALINE. — Rates for synthetic B.P. are from 1s. 1d. (500-gm. lots) to 1s. 6d. (10-gm.) per gm. and ACID TARTRATE, B.P., from 9d. to 1s.

AMMONIUM ACETATE. — 1-cwt. lots of B.P.C. are quoted at 3s. 9d. per lb.

AMMONIUM BICARBONATE. — The B.P. powder is £50 5s. per ton; CARBONATE is £81 10s. for lump and £85 10s. for powder, all delivered terms.

AMMONIUM CHLORIDE, B.P. — Makers quote 1-cwt. lots at 68s.

AMYLOBARBITONE. — B.P.C. is 85s. per kilo for 50-kilo lots and SODIUM, B.P.C., 95s. per kilo.

ANEURINE HYDROCHLORIDE. — Lower from January 21. Price per kilo is £19 2s. 6d. with 10-kilo lots at £18 17s. 6d. per kilo.

ASPIRIN. — Prices are as follows:— 5-cwt. lots, 4s. 7d. per lb.; 1-cwt., 4s. 9d.

BARBITONE. — Rate for 50-kilo lots is 42s. 9d. per kilo. The SODIUM derivative is 46s. per kilo.

BROMIDES.—Prices per lb. are now as follows:

	1-cwt.		5-cwt.	
	s.	d.	s.	d.
POTASSIUM	2	9	2	8
SODIUM	2	9	2	8
AMMONIUM	3	0½	2	11

The above prices are for crystals (powder is 1½d. per lb. more), packages free, carriage paid terms.

BUTOBARBITONE. — B.P.C. is 110s. per kilo in 50-kilo lots.

CARBROMAL. — B.P.C. is 21s. per lb. delivered in returnable packing.

CHALK.—Prepared powder, B.P., is £22 per ton for minimum 1-ton lots ex makers' works.

CHLORAL HYDRATE. — In 1-cwt. lots the price is about 3s. 10d. per lb. as to holder.

CHLORBUTOL.—28-lb. lots are at the rate of 10s. per lb.

CHLOROXYLENOL.—B.P. quality is 5s. 9d. per lb. for 1-cwt. lots, and 5s. 7d. for 10-cwt.

CRESOL.—Price of B.P. quality from distillers is 7s. 9d. per gall. in 5-gall. lots.

CYCLOBARBITONE. — B.P.C. and CALCIUM SALT in 50-kilo lots are 82s. 6d. per kilo.

DEXTROSE. — Rates are as follows:— MONOHYDRATE, B.P., 1-lb., 1s. 11½d.; 7-lb. 11s. 10d.; 28-lb., 43s.; free packages, less 12½ per cent. to wholesalers. In bulk, 1-ton lots, £90 ex works. ANHYDROUS, B.P., 7-lb., 14s.; 14-lb., 26s. 3d.; 28-lb., 49s. (terms as for monohydrate). 1-ton lots, £107 10s. ex warehouse.

DICOPHANE (DDT).—Prices are as follows:—1-cwt. lots, 3s. 2d. per lb.; 1-ton, 2s. 11d.

EMETINE.—Price for 32-oz. lots of the HYDROCHLORIDE is 245s. per oz. The BISMUTH IODIDE is 115s. per oz.

GALLIC ACID.—B.P.C. is 8s. 7d. per lb. for 1-cwt. lots.

HEXOBARBITONE. — In 50-kilo lots the price is 110s. per kilo.

MAGNESIUM SULPHATE.—Quotations for B.P. in minimum 1-ton lots vary between £17 10s. and £21 per ton according to size of crystal and manufacturer. Exsiccated is £42 per ton. All ex works.

METHADONE HYDROCHLORIDE. — Price is from 2s. to 2s. 6d. per gm. as to quantity. Subject to D.D.A. regulations.

METHYL PHENOBARBITONE.—B.P. is 90s. per kilo in 50-kilo lots.

OPIATES.—Home trade rates for 4-oz. up to 7-oz. lots including container (non-returnable) are as follows:—CODEINE.—alkaloid, hydrobromide, iodide, 58s. 6d. per oz. (2,063s. per kilo); hydrochloride, sulphate, 51s. 3d. (1,808s.); phosphate, 44s. 9d. (1,578s.). DIAMORPHINE.—Alkaloid, 60s. 3d. per oz. (2,125s. per kilo); hydrochloride, 54s. 9d. (1,931s.). ETHYLMORPHINE.—Alkaloid, 63s. per oz. (2,222s. per kilo); hydrochloride, 53s. 9d. (1,896s.). MORPHINE. — Alkaloid, bimeconate, tartrate, 60s. 6d. per oz. (2,134s. per kilo); acetate, hydrochloride, sulphate, hydrobromide, 50s. 3d. (1,773s.). — Subject to D.D.A. Regulations.

PAPAVERINE. — Synthetic HYDROCHLORIDE is 250s. per kilo.

PARALDEHYDE. — In 40-gall. drum lots the stabilised is 163s. per cwt. and the technical, 136s.

PETHIDINE HYDROCHLORIDE. — B.P. 100-gm. lots are now quoted at 100s. Subject to D.D.A. Regulations.

PHENOBARBITONE. — 50-kilo lots are 42s. 9d. per kilo and SODIUM, 46s.

POTASSIUM BROMATE.—In 5-cwt. lots the price is 5s. 3d. per lb.

POTASSIUM HYDROXIDE.—B.P. sticks are from 6s. 6d. per lb.; technical, flake, 1s. 4d.

SALICIN.—Quoted at 18s. 6d. per oz.

SODIUM METABISULPHITE. — Granular in 1-ton lots is from £46 2s. 6d. to £50 7s. 6d. per ton according to packing.

SODIUM PHOSPHATE. — B.P. powder is 125s. per cwt.

SODIUM SULPHATE. — Makers' prices for B.P. range from £11 10s. to £18 17s. 6d. per ton as to crystal and quantity, ex works.

SODIUM THIOSULPHATE.—Makers' price for 1-ton lots in paper-lined bags is £33 15s. per ton.

SULPHACETAMIDE. — Quotations (per lb.) for 1-cwt. lots are 24s. 6d. The SODIUM DERIVATIVE is 30s.

SULPHAGUANIDINE.—Manufacturers' rates for 1-cwt. lots are about 14s. 6d. per lb.

SULPHANILAMIDE.—Manufacturers' rates are from 7s. per lb.

SULPHATHIAZOLE. — Price (per lb.) for 1-cwt. lots is 16s. 6d.

Crude Drugs

ACONITE. — Spot supplies of Spanish *napellus* are 3s. 9d. per lb., duty paid.

AGAR.—*Kobé* is from 14s. to 16s. per lb., duty paid as to quality. Shipment (January-March) 10s. 8d.

ALOES. — No primary shipment offers of prime Cape. Nominal value 330s. per cwt., c.i.f.; spot, 345s.

ANISEED (STAR).—Chinese is 137s. 6d. per cwt., c.i.f., for shipment. Spot supplies are 150s., nominal.

ANTIMONY. — English 99.6 per cent. is £222 10s.; 99 per cent., £210 per ton.

BALSAMS.—Quotations (per lb.) are:— CANADA: Scarce. Spot value 30s. COPAIBA, 7s. 9d. to 11s., duty paid. PERU, 10s., duty paid. TOLU (genuine as imported), 26s. to 27s. 6d.; B.P., 17s. 6d. spot.

BELLADONNA.—Herb is 2s. 6d. per lb. on the spot. ROOT, 1s. 10d. spot; shipment, 1s. 3d., c.i.f.

EXCHANGE RATES ON LONDON

At the opening on Wednesday

*Alexandria .	Piastres to £	97¼–97¾
Amsterdam .	Florins to £	10·56–10·72
*Bombay ...	Shillings to rupee	1/5 15/16–1/6 1/16
Brussels ...	Francs to £	138·95–141·05
Copenhagen	Kronor to £	19·19½–19·48½
Dutch West Indies ...	Florins to £	5·26–5·29
*Hong Kong	Shillings to $	1/2 15/16–1/2 15/16
*Karachi ...	Shillings to rupee	1/5 15/16–1/6 1/16
Lisbon	Escudos to £	79·90–81·10
*Montreal ...	Dollars to £	2·68 7/16–2·69 3/16
New York...	Dollars to £	2·78–2·82
Oslo	Kronor to £	19·85–20·15
Paris	Francs to £	972·6–987·3
Stockholm ...	Kronor to £	14·37½–14·59½
*Singapore ...	Shillings to $	2/3¾–2/4
Zurich	Francs to £	12·15 5/16–12·33 9/16

*Free market rates; remainder Bank of England. Bank rate is 5½ per cent.

BENZOIN.—Sumatra block on the spot is from £25 to £30 per cwt. No. 1 for shipment is £23 5s., c.i.f. Almonds, 15s. per lb., c.i.f.

BUCHU.—Spot supplies are from 7s. 3d. to 7s. 6d. per lb.

CAMPHOR. — B.P. POWDER is from 5s. 6d. per lb., duty paid. TABLETS, ¼-oz. are 5s. 10d., c.i.f. and 6s. 4½d. in bond.

CAPSICUMS.—East African off stalk are 170s. to 175s. per cwt. on the spot.

CARDAMOMS. — Aleppy greens on the spot are 15s. 6d. per lb., and shipment, 15s., c.i.f. No. 1 seed, 20s. 6d. per lb., c.i.f.

CASSIA BARK. — Whole on the spot is now quoted at 120s. per cwt., in bond, with forward offers still unobtainable. Broken, 110s., in bond, and shipment, 110s., c.i.f.

CHAMOMILE FLOWERS. — Roman are 22s. to 22s. 6d. per lb. on spot.

CINNAMON.—Ceylon for shipment (c.i.f.) per lb., OOOO, 8s. 7d.; OOO, 8s. 5d.; OO, 8s. 3d.; O, 8s. 1d.; firsts, 6s. 11d.; quillings, 4s. 10½d.; chips, 1s. 2d. to 1s. 3d.

CLOVES. — Zanzibar on the spot are quoted at 3s. 8d. per lb.

COCHINEAL. — Peruvian silver-grey is 14s. 6d. per lb.

COCILLANA.—Bark is 2s. 3d. per lb. on the spot.

COLOCYNTH PULP. — Quotations are 3s. 6d. per lb., in bond (to arrive).

DIGITALIS LEAF.—*Purpurea* is offered at 1s. 3d. per lb., c.i.f.

ERGOT. — Portuguese is 6s. per lb., c.i.f., for prompt shipment and 7s. 3d., spot.

GINGER. — African on the spot is 220s. per cwt. and February-April shipment, 205s., c.i.f. Jamaican No. 3 very short on the spot with holders asking from 720s. to 750s. per cwt. New-crop for shipment is from 600s. to 620s., c.i.f., as to grade.

GUM ACACIA. — Kordofan cleaned sorts are 165s. per cwt. on the spot, afloat, 142s. 6d., c.i.f.

HENNA. — Spot market bare. New-crop awaited.

HONEY. — Australian light-amber is 146s. 6d. and medium-amber, 142s. 6d.; Argentine, 147s. 6d.; Jamaican, 147s. 6d. to 152s. 6d., all per cwt., on the spot.

HYDRASTIS.—Spot is not quoted. Shipment 28s. 6d., c.i.f.

IPECACUANHA. — (Per lb.). Colombian, spot, 49s., no shipment offers; Matto Grosso, no offers. Nicaraguan, spot, 58s.; shipment, 55s., c.i.f. Costa Rican, no offers.

JALAP ROOT. — Spot market bare of Mexican and no shipment offers. Brazilian is offered at 1s. 8d. per lb., spot.

KARAYA.—No. 1 gum on the spot is now quoted at 270s. per cwt., and No. 2 at 215s.

KOLA NUTS. — Jamaican are offered at about 8d. per lb., spot, and 6½d., c.i.f. African, 5½d.

LIQUORICE. — Natural root: Anatolian is 47s. 6d. per cwt. Russian, 52s. 6d. spot and 47s., c.i.f. Block juice: Anatolian, 200s. per cwt.; Chinese and British, 180s. on the spot. Italian stick from 310s. to 476s. per cwt. Spray-dried extract, 2s. 9d. per lb.

LOBELIA HERB. — Spot offers are about 9s. per lb., forward 8s., c.i.f., for American. Continental is 8s. per lb., spot.

MACE. — Whole on the spot is 30s. per lb.

MERCURY.—Per flask (76-lb.) £85.

NUTMEGS. — West Indian 80's not quoted; sound unassorted, 16s. 6d. per lb.; wormy and broken, 11s.

PEPPER. — White Sarawak is 2s. 7d. per lb. on the spot, with afloat, 2s. 6d. and January shipment, 2s. 5d., c.i.f. Black Sarawak is offering on the spot at 1s. 11½d. per lb.; afloat, 1s. 10½d., c.i.f. Black Malabar, 235s. per cwt. on the spot; prompt shipment, 192s. 6d., c.i.f.

PEPPERMINT LEAVES. — Dutch for shipment are offered from 2s. 6d. to 3s. per lb., c.i.f.

PIMENTO. — Spot is 590s. per cwt. with forward at 540s., f.o.b.

PODOPHYLLUM. — *Emodi* on the spot is cleared. *Peltatum* is 4s. per lb. spot, and 3s. 7½d., c.i.f.

PYRETHRUM. — Powder, 1 per cent., is 2s. 11d. per lb.

QUASSIA.—Chips are 42s. 6d. per cwt. on the spot, and 32s. 6d., c.i.f.

QUILLAIA.—Spot offers of bark at 220s. per cwt. with shipment 207s. 6d., c.i.f.

RAUWOLFIA. — *Serpentina* is offered from 4s. 3d. to 4s. 9d., landed terms, as to origin. *Vomitoria* is 2s. 6d., landed.

RHUBARB.—Quotations for Chinese are from 6s. 6d. to 9s. 3d. per lb., as to quality.

SAFFRON.—Mancha superior is 280s. to 290s. per lb., on the spot.

SARSAPARILLA.—Jamaican native red on the spot is 2s. 11d. per lb., and for shipment, 2s. 8d., c.i.f.

SASSAFRAS.—Selected bark is 5s. per lb. on the spot.

SEEDS. — (Per cwt.) ANISE.—Cyprian quoted at 170s.; Bulgarian, 160s., duty paid, both spot London. CARAWAY.—Dutch unchanged at 155s., duty paid. CELERY.—Indian scarce on spot. Afloat parcels quoted at 210s. landed for small quantities only. CORIANDER. — Spot Moroccan 95s.; Rumanian, 75s.; Bulgarian or Polish, 65s. (all duty paid). CUMIN.—Slightly firmer. Spot Cyprian, 135s., Iranian, 132s. 6d., duty paid. DILL.—Indian on spot is unchanged at 65s. Small business done in shipment at 52s. 6d., c.i.f. FENNEL.—Indian is 110s. spot. For shipment, 97s. 6d., c.i.f. quoted. FENUGREEK.—Spot Indian 67s. 6d., and Moroccan, 67s. 6d., duty paid. MUSTARD.—English, 57s. 6d. to 82s. 6d., according to quality.

SENNA. — Wet-crop *Tinnevelly* LEAVES (per lb.) are: Prime bold, 1s. 6d.; prime No. 1, 1s. 4½d.; prime No. 2, 1s. 2d.; PODS, f.a.q., 9d., spot (9d., c.i.f.); hand-picked, 1s. 2d. to 2s. 3d. *Alexandrian* manufacturing pods, 10d. to 1s. 3d.; hand-picked scarce at from 5s. to 7s., as to quality.

SHELLAC. — F.O.T.N., 315s. per cwt.; F.O. No. 1, 330s.; fine orange, 340s. to 380s.

STRAMONIUM.—Indian LEAVES are 70s. per cwt., and European 80s. on the spot.

STROPHANTHUS.—Kombé on the spot is 6s. 6d. per lb. for the 100 per cent.; *Gratus* is 11s. 3d.

TURMERIC.—Madras finger on the spot is 82s. 6d. per cwt. with new-crop, April-May shipment at 61s.

VALERIAN ROOT.—Indian on the spot is 140s. per cwt. Dutch (December shipment), 187s., c.i.f.

VANILLIN. — Rates (per lb.) are:—5-cwt. lots, 27s. 3d.; 1-cwt., 27s. 6d.; 56-lb., 27s. 9d.; smaller quantities, 28s.

WAXES. — (Per cwt.). BEES'.—Dar-es-Salaam, shipment, 612s. 6d., c.i.f., spot, 630s.; Sudanese. 615s. duty paid and 560s., c.i.f. Abyssinian, spot, 580s., duty paid, afloat, 550s., c.i.f. CANDELILLA.—Spot is 550s. CARNAUBA.—Fatty grey, spot, 575s. per cwt.; for shipment, 515s., c.i.f. Prime yellow, spot, 1,320s.; shipment, 1,120s., c.i.f.

WITCH HAZEL LEAVES. — Spot supplies are 2s. 3d. per lb.; prompt shipment, 2s 1d., c.i.f.

Essential and Expressed Oils

ANISE. — Chinese, 14s. per lb., spo shipment, 13s., c.i.f.

BOIS DE ROSE.—Brazilian is 27s. per l on the spot and 25s. 9d., c.i.f.

CASTOR OIL. — Minimum charge f home-produced B.P. oil on the spot £208 per ton.

CITRONELLA.—Ceylon, spot, 6s. 9d afloat, 6s. 4½d. per lb.; January shi ment, 5s. 11d., c.i.f. Formosan afloat 9s., c.i.f., spot, 9s. 9d. duty paid; Ja sellers at 8s. 4½d., c.i.f.

CLOVE.—Madagascar leaf is 9s. 3d. p lb., duty paid and 7s. 8d., c.i.f. for shi ment. Rectified B.P., 17s. 6d.; 87-88 p cent., 12s. Distilled bud oil, Englis from 28s. 9d. to 35s. as to quantity.

LEMONGRASS. — Spot is 10s. 9d. p lb., and shipment, 9s. 10½d., c.i.f.

OLIVE.—Spot market is bare. New-cro end of January delivery, quoted 31s. p gall.

ORANGE.—Spot quotations of sweet include Floridan at 4s. per lb.; Calif nian, 5s. 6d.; West Indian, 7s. 6d South African, 6s. 6d.; West Africa 22s. For shipment, proprietary bra Californian cold-pressed, U.S.P., 13s. 2 c.i.f. Terpeneless is 200s. per lb., spo and bitter, 20s. per lb.

PALMAROSA.—East Indian, 52s. 6 spot; 46s., c.i.f.; Formosan, 40s.

PATCHOULI. — Penang is 35s., du paid, and 31s. 6d., c.i.f.

PENNYROYAL. — Spot is quoted fro 17s. 6d. per lb., duty paid.

PEPPERMINT. — *Arvensis*: Chinese 31s. 6d. per lb. on the spot and 29s., c. Brazilian, 21s. 6d., spot, and 20s., c. Formosan, 19s. 9d., c.i.f.; spot, 2 Italian "Mitcham"-type oil on the s is from 52s. 6d. to 65s.; American, 3 to 42s. 6d. as to origin.

PETITGRAIN.—Paraguay, spot, 24s. 6d. 26s. per lb., as to brand.

PIMENTO. — English-distilled berry 185s. per lb.; imported, 75s. Rectif leaf, 27s. 6d. per lb. for small lots.

PINE.—*Pumilionis* on the spot is fr 16s. per lb.; *sylvestris*, 25s.; Siber (*abietis*), 12s. 6d. to 15s.

ROSEMARY.—Spanish oil is very firm the spot at 6s. 6d. per lb., duty paid

RUE. — Spot offers for small lots now 17s. 6d. per lb.

SAGE.—Spanish is from 9s. per lb. the spot and Dalmatian, 30s.

SANDALWOOD.—Mysore is 102s. 6d. lb. on the spot and East Indian, 1 per lb.

SASSAFRAS. — Brazilian is 3s. 9d. lb., duty paid.

SPEARMINT. — Offers of U.S.P. gr are from 32s. to 34s. per lb. on the s

TANGERINE. — Sicilian is from 40s. lb., on the spot.

THYME.—Spot is from 9s. to 14s. lb., according to content.

VETIVERT.—Spot is currently at ab 95s. per lb.

UNITED STATES REPORT

NEW YORK, JANUARY 15: Higher lb. among CRUDE DRUGS were bl French PSYLLIUM SEED at 30 cents, four cents; CASCARA SAGRADA at cents, up two cents; and LYCOPODI at $2·50, up 50 cents. Lower per were GUM ACACIA, amber sorts, at cents, down one cent; and Mexi SARSAPARILLA, at 35 cents, down th cents. ESSENTIAL OILS were quiet w CLOVE higher at $3·25 a lb., up cents, and Floridan ORANGE up to cents for a five-cent gain.

TRADE MARKS

APPLICATIONS ADVERTISED BEFORE REGISTRATION

From the "Trade Marks Journal," December 28, 1956

For insecticides, fungicides and disinfectants (5)
KELTHANE, 753,449, by Rohm & Haas Co., Philadelphia, U.S.A.

For slug-killing preparations (5)
LIQUOSLUG, 755,192, by Portland (Distributors), Ltd., Hucknall, Notts.

For medicated creams containing barium sulphate (5)
BARIPAQUE, 756,664, by Horlicks, Ltd., Slough, Bucks.

For medicated drinks (non-alcoholic) and pharmaceutical preparations for making such drinks (5)
CRESTA, B757,685, by Optrex, Ltd., Greenford, Middlesex.

For sanitary tampons (5)
INTREX, 757,994, by Southalls (Birmingham), Ltd., Birmingham, 8.

For pharmaceutical preparations and substances for human and veterinary use (5)
ADRETROPHIN, 758,654, by Organon Laboratories, Ltd., London, W.C.2.

For pharmaceutical preparations and substances for veterinary use (5)
ANFERGEN, 758,811, by Astra Aktiebolaget, Sodertalje, Sweden.

For photographic, cinematographic and optical apparatus (9)
AUTOSTAT, 757,903, by Photostat, Ltd., London, E.C.1.

For hearing aids for the deaf (10)
SONORIS, 756,278, by Fortiphone, Ltd., London, E.1.

For hair curlers for attachment to the hair (26)
SOLINA, 758,253, by E. S. Bailey & Co., Ltd., Manchester, 16.

From the "Trade Marks Journal," January 2

For all goods (1)
Device of the word POLAPAN, 752,320, by Polaroid Corporation, Cambridge, Massachusetts, U.S.A. PLASTAB, 756,983, by The British Drug Houses, Ltd., London, N.1. TEXCRETE, 757,822, by Sealoerete Products, Ltd., London, N.W.10.

For chemical products used in industry, science and photography; and chemical products used in agriculture, horticulture and forestry (1)
SOLKETAL, 758,304, by Chemomedica Chemikalien und Arzneimittel Vertriebs-gesellschaft Creutzberg & Co., Vienna, Austria.

For fertilisers (1)
FLORATONE, 759,111, by International Toxin Products, Ltd., Liverpool, 3.

For detergents for use in bottle washing (3)
Device of word MYREX, 756,971, by Meyer Liquid, Ltd., London, W.C.1.

For soaps (3)
VERDENE, 755,006, by Dowdall, O'Mahoney & Co., Ltd., Cork, Ireland.

For starch for laundry purposes and preparations for renovating cloths or clothes (3)
AUTEX, 756,879, by W. A. C. Mountain, Ltd., Hyde, Ches.

For preparations and substances for laundry use
TANDAR, 758,196, by Sundrops, Ltd., Huddersfield, Yorks.

For pharmaceutical preparations and substances containing extracts of mistletoe (5)
ZYMA VISCUM, 745,784, by Th. Muhlethaler, S.A., Nyon, Switzerland.

For devices in the form of tubes, cylinders or the like containing a compound for use in discouraging or stopping the habit of smoking (5)
NONO, B754,573, by Leslie Ralph Martin, London, S.W.5.

For pharmaceutical preparations and substances for human and veterinary use; and preparations of vitamins for use as nutritional aids by addition to foodstuffs (5)
DUPHASOL, 755,528, by N.V. Philips-Roxane Pharmaceutisch-Chemishe Industrie Duphar, Weesp, Holland.

For adhesive plasters for medical and surgical use (5)
BATTLE RIBBON, 755,530, by Kendal Co., Boston, Massachusetts, U.S.A.

For pharmaceutical preparations for use in the treatment of gastric ailments (5)
NEUTROSIL, 757,088, by Silten, Ltd., Hatfield, Herts.

For chemical products prepared for pharmaceutical use (5)
NORLUTEN, 757,217, by Syntex, S.A., Mexico, Distrito Federal, Mexico.

For pharmaceutical preparations for internal human use (5)
EXTENDINE, 758,121, by Victoria Laboratories, Ltd., London, W.C.2.

For pharmaceutical preparations and substances; and insecticides, fungicides, and preparations for killing weeds (5)
DRITOX, 758,123, by Ashe Laboratories, Ltd., Leatherhead, Surrey.

For pharmaceutical preparations and substances for human and veterinary use (5)
SISTOCYCLIN, 758,307, by Ciba, Ltd., Basle, Switzerland.

For all goods (5)
CLINIDEX, 758,386, by Victoria Laboratories, Ltd., London, W.C.2.

For medicated preparations for external use (5)
SEBFREE, 758,433, SEBONE, 758,435, by Boots Pure Drug Co., Ltd., Nottingham.

For antacids and antispasmodics, all being pharmaceutical preparations for human use (5)
ALKAFAX, 758,449, by International Chemical Co., Ltd., London, N.16.

For medicated creams for the treatment of the skin (5)
PALVIC, 758,531, by E. W. Palmer & Son, Swanley, Kent.

For medicated creams and medicated ointments (5)
RORMARCREAM, 758,641, by Jack Atkinson, Rawmarsh, Yorks.

For medicated skin ointment (5)
KLERENE, 758,820, by Leslie Donald Sinclair, Inverkeithing, Fife.

For pharmaceutical preparations and substances (5)
ONADOX, 758,992, by Duncan, Flockhart & Co., Ltd., Edinburgh.

For insecticides and fungicides, all for agricultural and horticultural use (5)
PY-ROSA, 759,091, by Strawson Chemical Co., Ltd., London, E.15.

For sunglasses (9)
PETRON, B748,399, by Boam Produce Co., Ltd., London, E.C.3.

For combs, brushes and small domestic utensils and containers (not of precious metal or coated therewith) (21)
CAPRICE, 758,672, by British Xylonite Co., Ltd., London, E.4.

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

Monday, January 21

ENFIELD CHEMISTS' ASSOCIATION, George inn, The Town, Enfield, at 7.30 p.m. Mr. J. Pickthall (Polak & Schwarz (England), Ltd.) on "Perfumery—History, Raw Materials and Modern Conception."

LONDON SECTION, ROYAL INSTITUTE OF CHEMISTRY, Enfield Technical College, Queensway, Ponders End, at 7 p.m. Dr. R. H. Herz on "The Use of Photography in Scientific and Engineering Investigations."

PESTICIDES GROUP, SOCIETY OF CHEMICAL INDUSTRY, 14 Belgrave Square, London, S.W.1, at 5.30 p.m. Mr. A. L. Abel on "Substituted Urea Compounds (Weed-killers)."

WATFORD AND ST. ALBANS BRANCH, PHARMACEUTICAL SOCIETY, C. J. Hewlett & Son, Ltd., King George's Avenue, Watford, at 8 p.m. Film show.

Tuesday, January 22

PACKAGING EXHIBITION, Olympia, London. Until February 1 (10 a.m. to 6 p.m.).

PORTSMOUTH BRANCH, PHARMACEUTICAL SOCIETY, Minor hall, City Council Chambers, Portsmouth, at 7.30 p.m. Dr. J. E. Page (Glaxo Laboratories, Ltd) on "Isotopes in Medical Research."

SOUTH-EAST METROPOLITAN BRANCH, PHARMACEUTICAL SOCIETY, Pyne's restaurant, 153 Lewisham Way, London, S.E.14, at 6.30 p.m. Annual dinner and dance.

SOUTH SHIELDS PHARMACISTS' ASSOCIATION, County hotel, Sunderland Road, South Shields. Wives' meeting: Mr. D. Flint (Harton dye works) on "Washing, Dyeing and Dry Cleaning."

WEST HAM ASSOCIATION OF PHARMACISTS and EAST METROPOLITAN BRANCH, PHARMACEUTICAL SOCIETY, Swan hotel, Broadway, Stratford, London, E.15, at 8 p.m. Display of members' colour transparencies.

Wednesday, January 23

BIOLOGICAL METHODS GROUP, Society for Analytical Chemistry, The Feathers, Tudor Street, London, E.C.4, at 6.30 p.m. Annual meeting; discussion on "The Relationship Between Statistics and Microbiological Assay."

BIRKENHEAD AND WIRRAL PHARMACISTS' ASSOCIATION, Prenton hotel, at 8 p.m. Talk on "Ship Building" by a representative, Cammell, Laird & Co., Ltd.

DUNDEE AND EASTERN SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, Kidd's rooms, Dundee, at 8 p.m. Dinner and dance.

ROMFORD BRANCH, PHARMACEUTICAL SOCIETY, Robin Hood hotel, Dagenham, at 6.45 p.m. Annual dinner and dance.

SWANSEA AND WEST GLAMORGAN BRANCH, PHARMACEUTICAL SOCIETY, Central library, at 7.45 p.m. Talk by Mr. H. Steinman (a member of the Pharmaceutical Society's Council). Motions for Branch Representatives' meeting.

WEST MIDDLESEX CHEMISTS' ASSOCIATION and BRANCH, Pauls restaurant, Broadway, Ealing, London, W.5, at 7.30 p.m. New Year party.

Thursday, January 24

BURNLEY BRANCH, PHARMACEUTICAL SOCIETY, Thorn hotel, at 7.45 p.m. Make-up demonstration by a representative, Max Factor Hollywood & London (Sales), Ltd.

MIDLANDS SECTION, SOCIETY FOR ANALYTICAL CHEMISTRY, Gas showrooms, Nottingham, at 7 p.m. Annual meeting; Dr. R. Belcher (Birmingham University) on "Certain Aspects Concerning Irrelevancies in Classical Methods of Analysis."

NORTH LONDON PHARMACEUTICAL ASSOCIATION, Café Royal, Regent Street, London, W.1, at 6.15 p.m. Annual dinner and dance.

SCHOOL OF PHARMACY, UNIVERSITY OF LONDON, 17 Bloomsbury Square, London, W.C.1, at 5.30 p.m. Mr. F. Greenaway (Science Museum) on "An Odyssey of Science from the Ancient to the Modern World."

Friday, January 25

EAST KENT BRANCH, PHARMACEUTICAL SOCIETY, Chez Laurie, Herne Bay, at 8 p.m. Annual dinner and dance.

MICROCHEMISTRY GROUP, SOCIETY FOR ANALYTICAL CHEMISTRY, meeting room, Burlington House, London, W.1, at 6.45 p.m. Annual meeting.

SOCIETY FOR ANALYTICAL CHEMISTRY, meeting room, Burlington House, London, W.1, at 7 p.m. Ordinary meeting arranged by the microchemistry group.

Saturday, January 26

NORTH OF ENGLAND SECTION, SOCIETY FOR ANALYTICAL CHEMISTRY, Engineers' club, Manchester, at 2.15 p.m. Annual meeting; Mr. H. N. Wilson on "Recent Work on the Analysis of Fertilisers."

PRINT AND PUBLICITY

COMMERCIAL TELEVISION

January 27 to February 2

ALL STATIONS

FRIDAY: Elastoplast; Nivea

SATURDAY: Vapex.

DAILY, Monday-Tuesday: Knight's Castile soap.

LONDON STATION

SUNDAY: Gilbey's tonic wine; Pacquins hand cream.

MONDAY: Elastoplast; Nivea; Pepsodent; Alka-Seltzer; Kleenex tissues; Beecham's powders.

TUESDAY: Sanatogen tonic wine; Vaseline hair cream; Gilbey's tonic wine; Beecham's powders.

WEDNESDAY: Silvikrin shampoo; Kleenex tissues.

THURSDAY: Vaseline hair cream; Elastoplast; Nivea; Silvikrin hair dressing; Zubes pastilles; Cojéne tablets.

FRIDAY: Snowfire wave set; Pure Silvikrin; Beecham's powders.

SATURDAY: Silvikrin shampoo; Pacquins hand cream.

DAILY, Monday-Friday: Crookes halibut oil capsules. Monday-Thursday: Brylcreem. Monday-Saturday: Haliborange tablets. Tuesday-Friday: Phensic.

BIRMINGHAM STATION

SUNDAY: Anadin; Elastoplast; Nivea, Vapex; Pacquins hand cream; Penetrol inhalant.

MONDAY: Sanatogen tonic wine; Vapex; Gilbey's tonic wine.

TUESDAY: Pepsodent.

WEDNESDAY: Elastoplast; Nivea; Snowfire hand cream.

THURSDAY: Snowfire hand cream, wave set; Pepsodent; Zubes pastilles.

SATURDAY: Silvikrin shampoo; Gilbey's tonic wine; Strix tablets; Pacquins hand cream; Penetrol inhalant; Moorland indigestion tablets.

DAILY, Monday-Friday: Crookes halibut oil capsules.

NORTHERN STATIONS

SUNDAY: Anadin; Elastoplast; Nivea; Vapex; Zoflora; Pacquins hand cream; Penetrol inhalant.

MONDAY: Hanovia health lamps; Pepsodent; Amami wave-set; Moorland indigestion tablets.

TUESDAY: Sanatogen tonic wine.

WEDNESDAY: Vapex.

THURSDAY: Snowfire hand cream, wave set; Zubes pastilles; Zoflora; Amami wave-set.

DISPLAY OUTERS: Genatosan, Ltd., Loughborough, Leics, have produced for the Sebbix shampoo sachets the display outer illustrated. A similar outer has been produced for Sebbix shampoo in bottle.

FRIDAY: Pure Silvikrin; Elastoplast; Nivea; Gilbey's tonic wine.

SATURDAY: Gilbey's tonic wine; Fennings' cooling powders, mothers' book, rheumatism tablets; Strix tablets; Pacquins hand cream; Penetrol inhalant; Moorland indigestion tablets.

DAILY, Monday-Saturday; Silvikrin shampoo. Monday-Thursday: Brylcreem. Tuesday-Friday: Beecham's powders; Veno's cough mixture.

PRESS ADVERTISING

VEEDIP, LTD., Slough, Bucks: Carlene Gloves: In leading women's magazines.

WILLIAM FREEMAN & CO., LTD., Peel Street, Barnsley, Yorks: Suba-Seal natural baby feeding requisites. In *Woman, Woman and Home* and other leading women's magazines.

DISPLAY

WARRICK BROS., LTD., Perkins Street, Coventry: Counter sales units for pastilles; colour show card.

Periodicals

DEXION, LTD., 67 Maygrove Road, London, N.W.6: *Angle*, No. 4. Pp. 16.

DRAGOCO G.m.b.H., Holzminden, Germany: *Dragoco Report*, No. 12, 1956. Pp. 12.

WINTER SHOW MATERIAL: Showcards currently available for Nivea Creme from Smith & Nephew, Ltd., Bessemer Road, Welwyn Garden City, Herts.

C. & D. WEEKLY LIST OF PRICES

A=Advanced; I.R.P=Inclusive Retail Price; *=Tax 30 per cent.; †=Tax 90 per cent.

CUSSONS, SONS & CO., LTD. (from February 15)

		I.R.P.	
Talcum powders†:—			
Lilac Blossom		2 0	R
Damask Rose		2 0	R
Linden Blossom		2 0	R
Imperial Leather		3 0	R
Apple Blossom		3 0	R
Imperial Leather after-shave lotion		2 0	R
solid brilliantine		2 0	R
Linden Blossom soap (from January 1)		1 0	A

CUXSON, GERRARD & CO., LTD.

	Doz.		
Sylvia adjustable sanitary belt D.88*	16 0	2 3	A

CYCLAX, LTD. (from January 1)

	Each		
248 Astringent cream†	4 4	10 4	A
22 Bath essence†	6 1	14 5	A
Bath powders†:—			
215T Sandalwood, Gay Morning tin	3 1	7 3	A
215R Sandalwood, Gay Morning round box	3 10	9 1	A
87 Gay Chiffon tin	3 5	8 1	A
43 Gay Chiffon round box	4 4	10 4	A
Bath salts†:—			
58 Gay Again	6 4	15 1	A
36 Sandalwood, Gay Morning	11 3	26 8	A
78 Cleansing cream (extra)†	8 8	20 7	A
118	15 0	35 8	A
Cleansing lotion†	7 0	16 8	A
111	12 0	28 6	A
52 Eye drops*	5 0	9 0	A
8 Face powder (standard)†	3 6	8 4	A
110	5 7	13 3	A
24 Foundation cream† jar	3 6	8 4	A
6 Open pore lotion†	3 2	7 6	A
65	4 11	11 8	A
4 Rouge (compact refills)†	2 1	4 11	A
1 Skin food ("O" and baby)†	3 6	8 4	A
60 ("O," baby and extra nourishing)	5 7	13 3	A
Skin perfume†:—			
40 Sandalwood, Gay Morning	4 10	11 6	A
34	7 6	17 10	A
407 Gay Chiffon	3 6	8 6	A
13	5 8	13 6	A
86 Trio	4 5	10 6	A
258 Skin tonic†	3 5	8 1	A
262	5 7	13 3	A
413 Three Steps to Beauty coffret†	9 9	21 10	A
Beauty cases†:—			
130	76 0	159 6	A
228	129 0	270 6	A
98	103 6	217 6	A
350	147 9	310 0	A

E. R. SQUIBB & SONS

Florinef with Graneodin lotion 15 c.c.	16 3	24 4½	R

PARKE, DAVIS & CO., LTD. (from January 7)

Atropine eye ointment, 1 per cent. tube		1 6	A
Calcium-sodium iodide eye ointment tube		1 10	A
Capsolin* tube		3 0	A
	Each		
1-lb. jar	17 0		
Capsules, gelatin (empty)			
No. 000 box of 100 per doz.		78 9	A
No. 00 box of 100 per doz.		62 6	A
Ichthammol compound eye ointment tube		1 10	A
Mycozol tube		2 8½	A
1-lb. jar		24 0	A
Neo Protosil ointment tube		1 10	A
Nitroglycerin tablets, 1/100 gr. (T.T.122) 100		3 0	A
1,000		21 0	A
Protosil ointment tube		2 1½	A
Storaxol tube		3 7½	A
1-lb. dispensing pack	17 0	A	
Yellow oxide of mercury eye ointment 1 per cent. tube		1 6	A
2 per cent. tube		1 6	A

P.A.T.A. LIST

(Alterations and additions notified this week by the Proprietary Articles Trade Association.)

ADDITIONS TO THE LIST

SANDOZ PRODUCTS, LTD.

The company's complete range of products are now included in the list.

PROPRIETORS OF CHATELAIN PREPARATIONS (agents: **SPENCER & CO.**)

	doz.		
Urodonal*	48 0	6 3	
	115 2	14 11	
Jubol*	19 2	2 6	
	48 0	6 3	
	86 0	11 2	
Boldarlem*	65 2	8 5	
Torostrol*	48 0	6 3	

NEW PRODUCTS AND PACKS

ALBRIGHT & WILSON, LTD.

Calgon water softener		3 0	
		8 6	
		21 0	

CUXSON, GERRARD & CO., LTD.

Sanipants D.40 pair (taxed at 5 per cent.)	50 0	5 11	

JAMES L. HATRICK & CO. (LONDON), LTD.

Codinyl dispensing pack 16 oz.	7 0	A	
80 oz.	33 0	A	

KEEN, ROBINSON & CO., LTD.

Robinson's triple pack		1 9	
Robsoup envelope pack		4½	
Robsweet envelope pack		4½	

KODAK, LTD.

Kodak Velox sodium safe-lamp		480 0	

RACASAN, LTD.

Racapan sanitary block		1 9	

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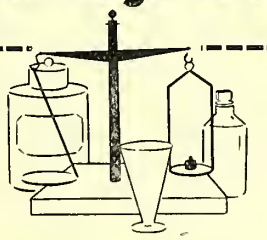

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This Long Coat has a stitched down half-belt back and is made in a special satin drill. Features: detachable buttons, 2 side and 1 breast pocket with division. 2 side vents to trousers. Vent cuffs. Seam back. Centre vent.

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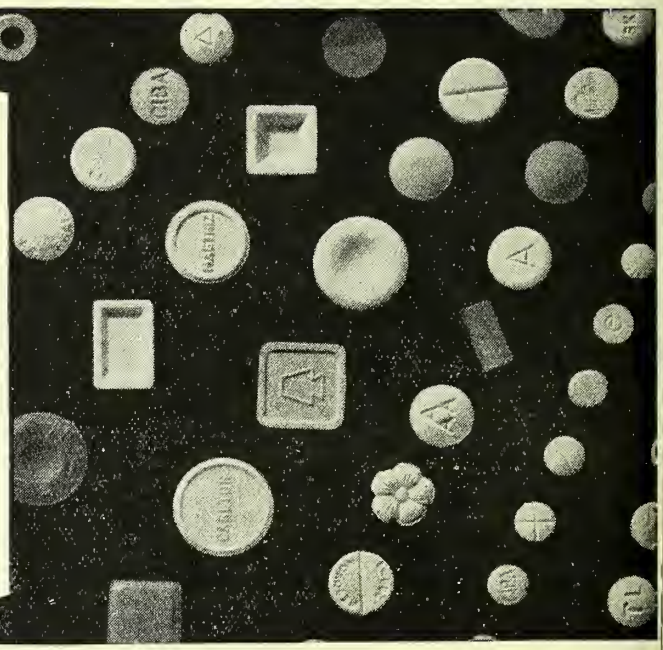

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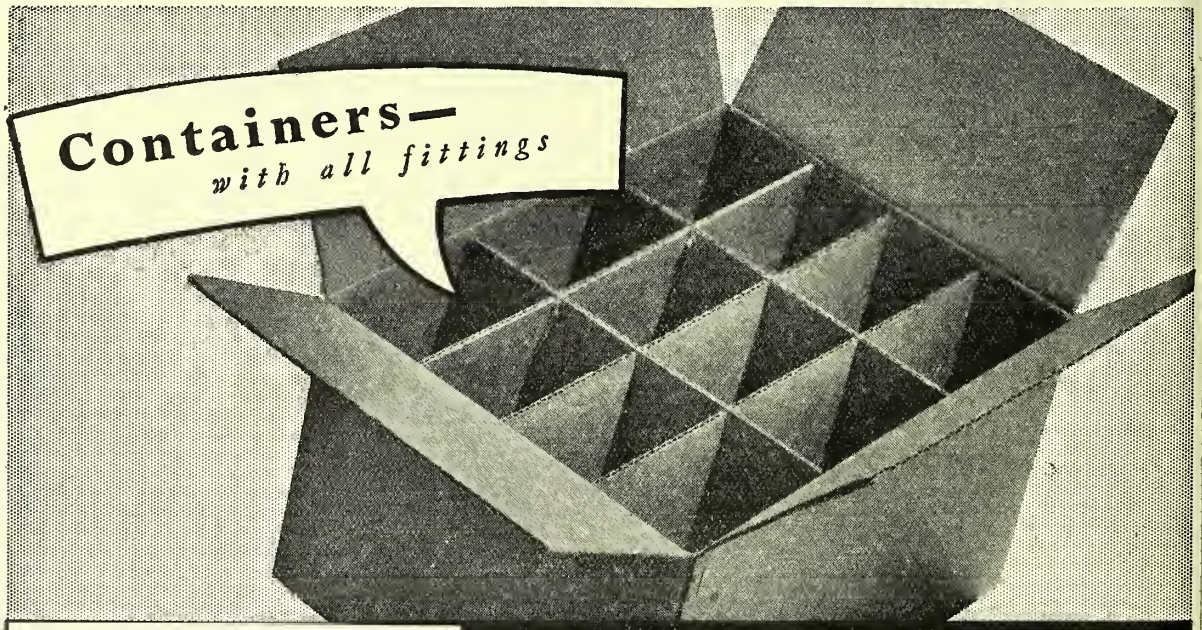

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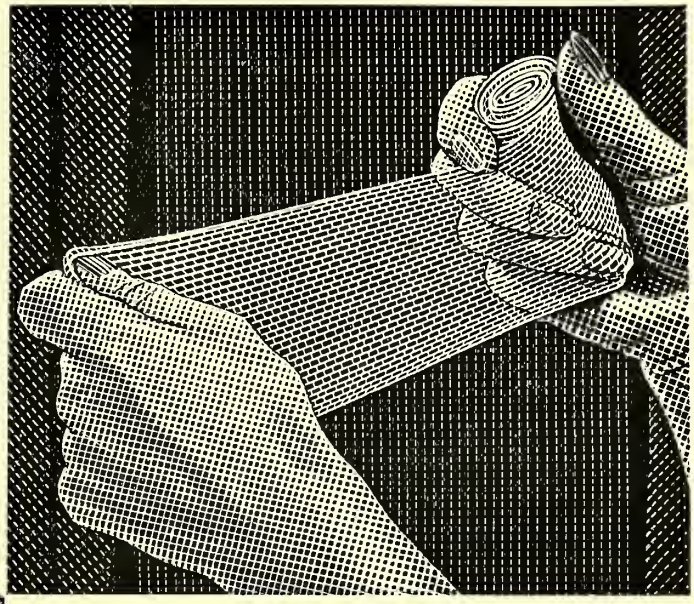

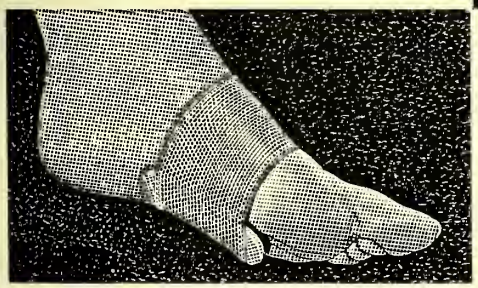

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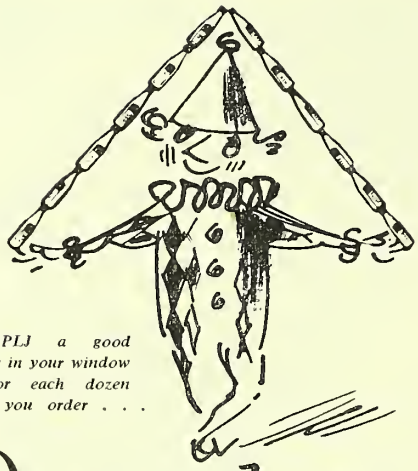

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deserves ~~another~~ a bonus!

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SURE-SELLING STOCK!

OVER 150 YEARS REPUTATION

KEARSLEY'S

THE ORIGINAL

WIDOW WELCH'S FEMALE PILLS

Over 10d BOX PROFIT by ordering 1 dozen 4/3 size. Bonus given on every dozen (13). It pays to push this size.

Established 1787 in the Reign of King George III

C. & G. KEARSLEY LTD.
71 DARTMOUTH ROAD, LONDON, S.E.23

L E D A

PHARMACEUTICAL

INTERMEDIATES

Urethane (Ethyl Carbamate)
for ester exchange reactions in the manufacture of organic carbamates

Chloromethyl Methyl Ether
a useful chloromethylating agent

Anhydrous H Cl
Solutions in various solvents
extremely useful for esterifications and in the preparation of anhydrous amine salts

Literature on all these products available on request

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Eley Estate, Angel Road, Edmonton, London, N.18
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ALL VARIETIES

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AND COMPANY LIMITED
Established 1860

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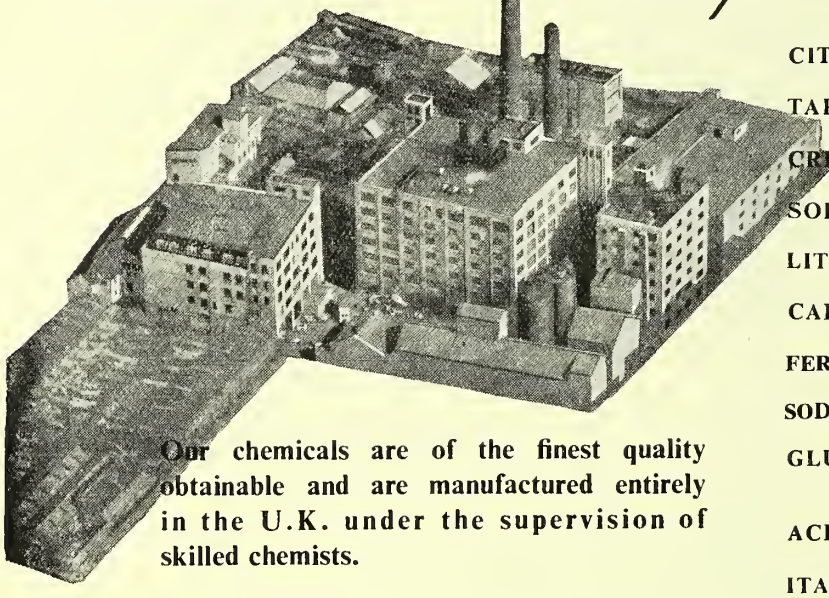
Chemical Products of Distinction



CITRIC ACID
TARTARIC ACID
CREAM OF TARTAR
SODIUM POTASSIUM TARTRATE
LITHIUM SALTS
CALCIUM GLUCONATE
FERROUS GLUCONATE
SODIUM GLUCONATE
GLUCONO DELTA LACTONE
(GLUCONIC ACID ANHYDRIDE)
ACID SODIUM CITRATE
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Our chemicals are of the finest quality obtainable and are manufactured entirely in the U.K. under the supervision of skilled chemists.

KEMBALL, BISHOP & CO., LTD.
CROWN CHEMICAL WORKS THREE MILL LANE · BROMLEY-BY-BOW · LONDON · E.3
Telephone: ADVANCE 1234 (7 Lines) ESTABLISHED 1870 *Telegrams:* KEMBALL BOCHURCH, LONDON

WE WANT

MILLAMALT
BECAUSE OF THE BUTTERSCOTCH FLAVOUR
Sole Manufacturers: JEFFREYS, MILLER & CO. LTD., Leyland Mills, Wigan. (London Dept: 19 Brookside Rd. N.)

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AND DERIVATIVES

THE BRITISH DYEWOOD COMPANY LIMITED
19 St. VINCENT PLACE GLASGOW C.1

Designers & manufacturers of high quality glassware

THE INTERNATIONAL BOTTLE CO. LTD

140 PARK LANE
MARBLE ARCH
LONDON, W.1

PHONE: MAYFAIR 6992 (5 LINES) GRAMS: AUTREFOIS, AUDLEY, LONDON

Have you seen THIS

new beautifully designed show card size 23" x 17½" in 6 bright colours?

Supplied with two side panels each 17"x10" the whole making an attractive window display, or can be used separately as counter show cards

NOW IS THE TIME

to make a window display and ensure a steady flow of repeat orders for

"AUTUMN SUN,"

the Malt and Oil with the taking flavour.

The complete set is FREE ; ask our representative or write direct, sent post free.

EDME LIMITED
IMPERIAL HOUSE
84-86, REGENT STREET, LONDON, W.1
Works : Mistley, Essex.

Telephone: CLissold 1234

Greatest success yet in the fast expanding Hair Colouring field!

DEEP AUBURN MOLTEN GOLD DOVE GREY GOLDEN CHESTNUT HONEY BROWN AUBURN

Sales of COLOR-GLO have exceeded all expectations. There is no doubt that COLOR-GLO advertising — directed at women who have never dared to use hair colouring before — is creating an entirely new market for hair colouring products.

COLOR-GLO is bringing sales to chemists all over the country — results since launching have been phenomenal. Don't hesitate to order adequate stocks. COLOR-GLO users do get the results they are promised. That means they will come back again and again — *on the average at least six times a year.* This will represent new business—an addition to your turnover. For most COLOR-GLO users are trying out a new kind of product — one they have never bought before.

Display these most attractive full colour packs and link up with the all-the-year-round big space advertising appearing in Woman Woman's Own and women's monthly magazines.

Color-Glo

lasts through 6 to 8 shampoos TRADE MARK

Retail price
4/6 per bottle.
Trade price
22/6 per dozen.
plus 90% tax.

From your usual wholesaler or from:

GOLDEN LIMITED, 7 GROSVENOR STREET, W.1.

***Telephone:* HYDe Park 1671/6**

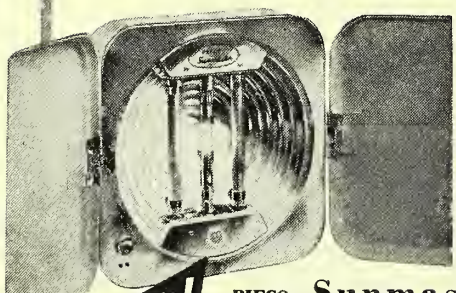
Trade Enquiries for the Republic of Ireland should be addressed to: Lilmar Pharmaceuticals Limited Santry, Dublin.

CG 5073

PIFCO

Health Lamps

Medical Certificate Models, *no tax*



NEW!

PIFCO **Sunmaster**

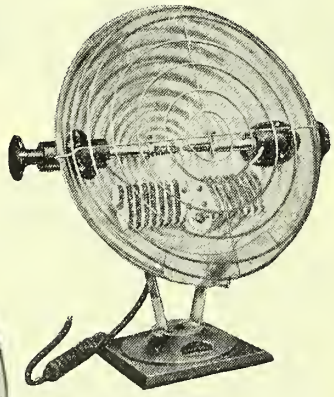
Portable Mercury Quartz Ultra-Violet and Infra-Red Lamp

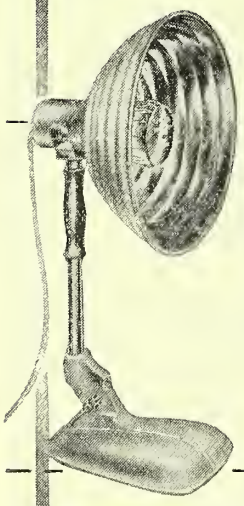
£16 · 16 · 0 *retail*

PIFCO

Sunlamp

£4 · 19 · 6 *retail*





PIFCO **Infra-Red & Radiant Heat Lamp**

77/6 *retail*

RETAILERS: *Order NOW from your usual factor*
WHOLESALERS: *Write now for details of the complete PIFCO range*

PIFCO LTD., WATLING STREET, MANCHESTER 4
or 36-37 Upper Thames Street, London, E.C 4

PADDI

AND

PADDI-*pads*

-a profitable double

A wonderful improvement on the conventional 'nappy' that solves a big problem for the busy mother. Sell her PADDI and ensure repeat sales of PADDI-*pads*. They're better for babies, less trouble and labour-saving for mother. Supported by attractive advertising in women's journals, these profit-making lines can mean big business for YOU! Paddi retails at 6/6d. Paddi-pads in packets of ten 1/9d.

PADDI

AND

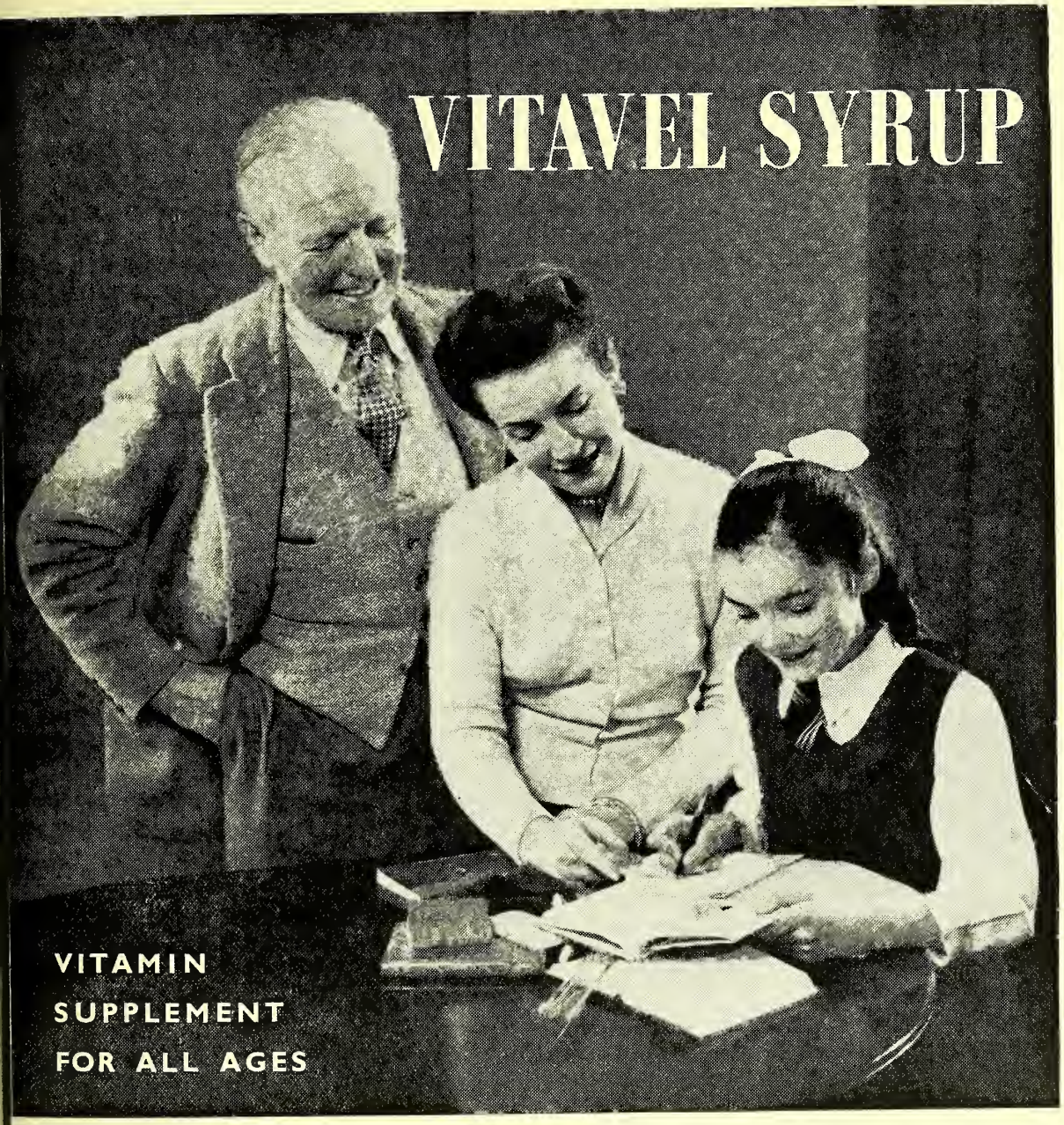
PADDI-*pads*

ROBINSON & SONS LTD.

CHESTERFIELD & LONDON

Makers of Robinsons medicated baby preparations

VITAVEL SYRUP



Here is a liquid vitamin supplement that is truly delicious —Vitavel Syrup. This careful blend of real orange juice and liquid glucose with vitamins A, B_1, C and D is readily accepted by patients of all ages and dispositions.

One fluid ounce contains at time of manufacture:—

VITAMIN A 20,000 i.u. VITAMIN D 3,000 i.u. VITAMIN B_1 4 mg.
VITAMIN C 80 mg. LIQUID GLUCOSE B.P. 25% w/v.

PACKS : 6 fl. ozs. *Retail 3/9 Chemists 2/6* **40 fl. ozs.** *Retail 24/- Chemists 16/-*

BEMAX *stabilized wheat germ*

This richest natural vitamin-protein-mineral supplement is now available in two flavours, plain Bemax and chocolate-flavoured Bemax (of special appeal to children).

PREGNAVITE *during pregnancy*

A comprehensive vitamin-mineral supplement specifically designed to supply the enhanced dietary needs of pregnancy.

PRICES	RETAIL	CHEMISTS
60	4/1	33/4 per doz.
120	7/4	59/10 ,, ,,
1,000	48/-	32/9 each

VITAMINS LIMITED (DEPT. A.A.2) UPPER MALL LONDON W.6.

chilblains

ORAL & LOCAL TREATMENT

'PERNIVIT' TRADE MARK

is widely held to be the most effective oral treatment as well as a preventive against the reappearance of chilblains.
Containing Acetomenaphthone B.P. 7 mg. and Nicotinic Acid B.P. 25 mg. Pernivit tablets are available in bottles of 50—display cartons containing six bottles are a valuable aid to sales.

	TRADE	RETAIL
Bottles of 50 tablets	2/-	3/-
" " 500 "	13/-	19/6

(Exempt from P.T.)

'PERNICREAM'

relieves, by local application, the irritation and itching of chilblains. It is a non-greasy preparation incorporating amethocaine, menthol and benzyl alcohol.
A new showcard is available in addition to the display carton of 12 tubes of 'Pernicream'.

	TRADE	RETAIL
Collapsible tubes	1/8	3/-

(Inc. P.T.)

Details of special terms for quantity purchases in B.D.H. Information or on application

THE BRITISH DRUG HOUSES LTD. LONDON N.1

Plenty of people will be coming into your shop coughing and sneezing this winter

sell them

BESORBON

REGD. TRADE MARK

MEDICINAL SNUFF

*the **proved** remedy*

for colds and catarrh

Your wholesaler can supply you promptly. Orders of one dozen come in attractive counter display box for

MORE SALES — MORE PROFIT

KEMSALES LTD., 20 EASTCHEAP, LONDON, E.C.3

EPSOM SALTS
B.P.
and Technical Quality

Special Qualities for Bath and Veterinary uses. Special types of crystals matched and any degree of exsiccation to order

GLAUBER SALTS
B.P.
Pea or Feathery Crystals

ALL SPECIALLY PACKED FOR EXPORT

HARRIS HART & CO. LTD.
GREGGE STREET WORKS, HEYWOOD, LANCS
Grams: HARP Heywood, Lancs

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28 ESSEX ST., STRAND, LONDON, W.C.2

At last!

An all cotton-wool santowel that will not stretch

KORONET

BY

Southalls

Here's 'KORONET'—the New improved version of Southalls popular 'K' santowel. 'KORONET' incorporates the unique knitted rayon cover with sewn loops—this means ***'KORONET' will not stretch;*** a vital selling point which discriminating women always look for in a luxury santowel. 'KORONET' combines perfect efficiency with superb comfort at the following prices :—

SIZE 1	SIZE 2
Retail (doz) 2/6 per packet	***Retail*** (doz) 3/- per packet
Trade (doz) 23/1 per doz packets	***Trade*** (doz) 27/9 per doz packets

Stock up ***NOW*** with 'KORONET' Santowels to meet consumer demands. Tie-in your sales with the intensive national advertising campaign which tells your customers all about 'KORONET'.

ORDER TODAY THROUGH YOUR USUAL WHOLESALER

Southalls (Birmingham) Ltd., Charford Mills, Saltley, Birmingham 8

JKL
HOME TRADE EXPORT

MENTHOL
IPECAC
QUILLAIA

and all other Botanicals, Gums, Waxes, Essential Oils and Spices

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24 OLD BROAD STREET, E.C.2

Telephone: LONdon Wall 6585 (4 lines)
Telegrams: "Ergotine, Stock, London"

NEW YORK · HAMBURG

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STAINLESS STEELWARE

ISAAC WEBSTER & SONS LTD.
ABBEY WORKS
KIRKSTALL
LEEDS. 5.
TELEPHONE 51580 LEEDS
TELEGRAMS, "ISAAC WEBSTER" KIRKSTALL

"HOLDFAST" SAFETY SOOTHER
(Patented)
Fitted with
PURE LATEX
CHERRY or STRAIGHT TEAT.

No. S.S. 100

Ask your wholesaler or write us for your nearest stockist

MAYLEN MFG. CO., LTD.
7-9 HOLLOWAY HEAD BIRMINGHAM 1

"NIPITS"

Available in 3d. packets and 6d. cartons
TEASDALE & CO. LTD., CARLISLE

BURNSIDE'S EUCALYPTUS OILS

Distilled in Australia from Eucalyptus leaves in accordance with the B.P. specification. W. K. Burnside Pty., Ltd., Melbourne, Australia offer:—

80/85% Rectified B.P. Eucalyptol B.P. 70/75% Rectified B.P.
Oil Eucalyptus Dives 40/45% Oil Eucalyptus Dives 90/95%
For the production of Thymol and Menthol
Oil Eucalyptus Phellandra—Phellandrene
For use in Antiseptics and Disinfectants

Agents for U.K.: **WILSON & MANSFIELD, LTD., 15 Philpot Lane, LONDON, E.C.3**
Phone: MANSION HOUSE 9264-5-6 (WHOLESALE ONLY) *Grams: WYFIELD, LONDON*

The Beatson Tablet

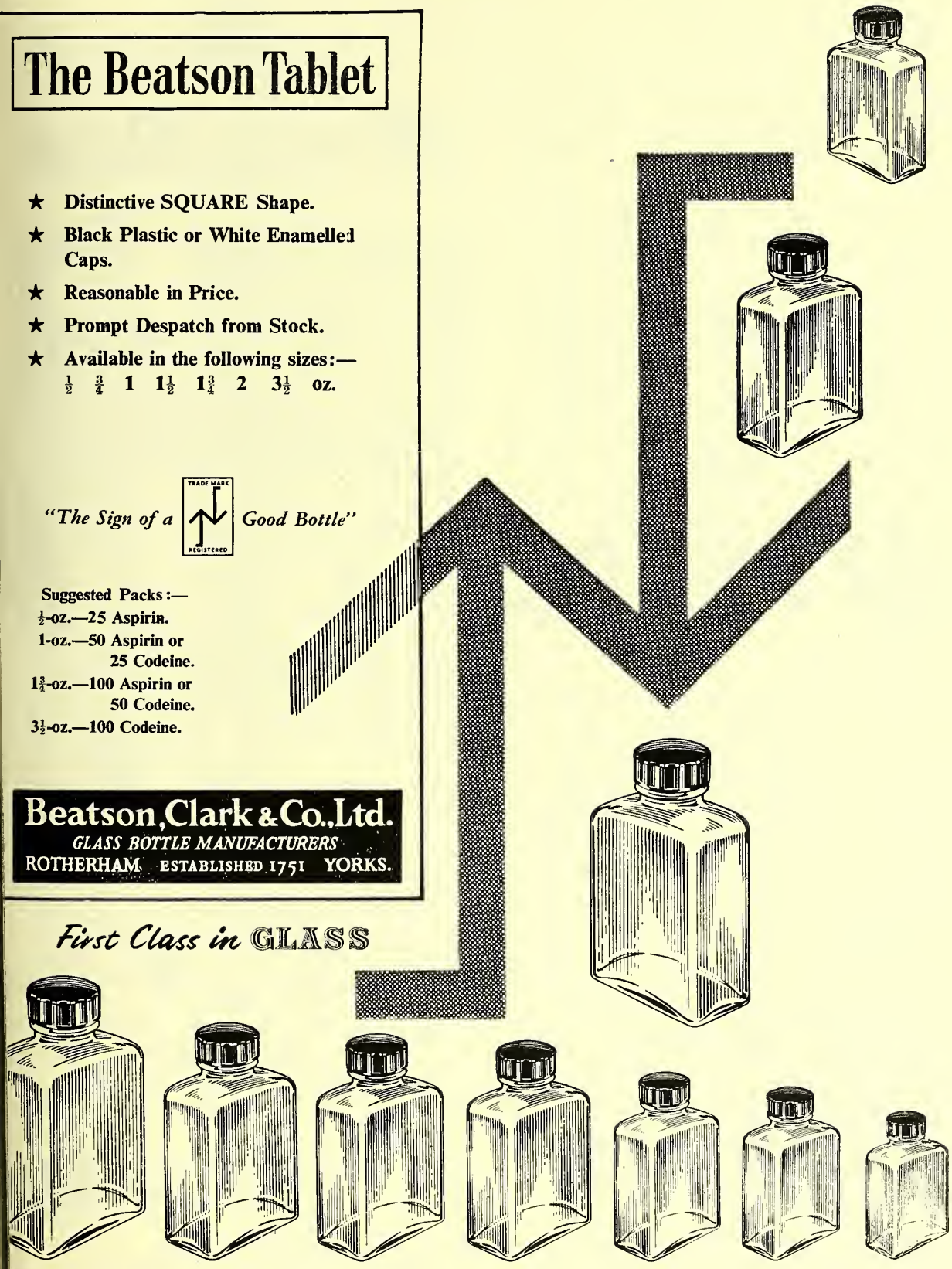
- ★ Distinctive SQUARE Shape.
- ★ Black Plastic or White Enamelled Caps.
- ★ Reasonable in Price.
- ★ Prompt Despatch from Stock.
- ★ Available in the following sizes:—
  ½ ¾ 1 1½ 1¾ 2 3½ oz.

"The Sign of a TRADE MARK REGISTERED *Good Bottle"*

Suggested Packs:—
½-oz.—25 Aspirin.
1-oz.—50 Aspirin or 25 Codeine.
1¾-oz.—100 Aspirin or 50 Codeine.
3½-oz.—100 Codeine.

Beatson, Clark & Co., Ltd.
GLASS BOTTLE MANUFACTURERS
ROTHERHAM ESTABLISHED 1751 YORKS.

First Class in GLASS



B.T.I.

Just grand-sales keep **growing**

FOR MANY YEARS, Delrosa advertisements have carried the slogan, " Just grand when you're growing ". And every year, more and more mothers find this to be true. Delrosa is made from rose-hips, the richest source of Natural Vitamin C. It contains nearly three times as much Vitamin C as blackcurrant syrup B.P.C. and three times as much Vitamin C as fresh orange juice. 'Growing' is certainly the word to associate with Delrosa. Bonny, growing children and steadily growing sales.

Delrosa

ROSE HIP SYRUP

SCOTT & TURNER LTD.,
Andrews House, Newcastle upon Tyne

By Appointment to H.M. The Queen, Chemists

Savory & Moore

VERTEBRÆ!

. . . the facility of buying Savory & Moore high quality Pharmaceutical Products locally is not without its attractions to "more discerning" customers who form the backbone of your goodwill.

Bonus of one to the dozen on the following specialities: Dr. Jenner's Medilax, Dentural and Quinasp. Free Van Delivery in Home Counties.

Savory & Moore

60 WELBECK STREET · LONDON · W.1

Behind every type of Closure there is always Kork-N-Seal Design and Research

For Product Safety use

KORK-N-SEAL

MOULDED & METAL CLOSURES

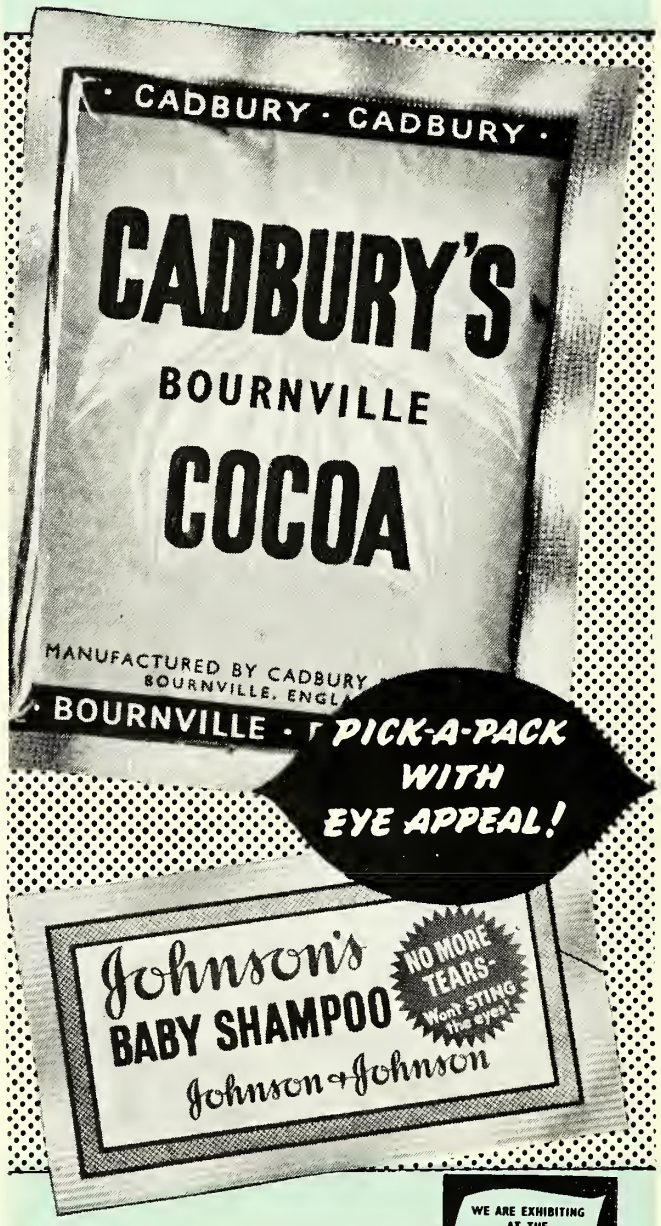
WITH UGB GLASS CONTAINERS

KORK-N-SEAL LTD

The Closure Division of The United Glass Bottle Manufacturers Ltd.

OFFICE: 8 LEICESTER STREET, LONDON, W.C.2 Tel: GERRARD 8611 (13 lines) Grams: KORKANSEAL, LESQUARE, LONDON

Unit Packaging



Ideal for tablets, powders, creams, liquids and for almost any small article, these economical packs offer perfect protection from manufacturer to consumer.

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NATIONAL HALL
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By Appointment to H.M. The Queen *Manufacturers of Vacuum V*

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A CHOICE OF 40 MODELS

Flasks · Jugs · Jars
Bowls · Dewar Vessels

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Phone: *Leytonstone 4061-4* **Cables:** *Thermos, L*

FITS INTO ANY CORNE

OF THE . . . FIRST AID ROOM · WARD · TOILET · CLO KITCHEN · CONSULTING ROOM · DISPENSARY · OPERATI ROOM OR WHEREVER A HANDY PLACE FOR SMALL REFUSE IS REQUIRED

23/- EACH FROM

ROBERT BAILEY & SON, L
SURGICAL DRESSINGS MANUFACTURERS
DYSART STREET, GREAT MOOR, STOCK
Phone: STEPPING HILL 3006/7 Grams: "UNDISPUTED" STO

In two years Becantyl has become an established treatment for useless cough—

especially with children and old people
No side-effects

Unrelated to morphine derivatives or guaiacol and with none of their disadvantages, Becantyl suppresses useless cough. The active ingredient in Becantyl is Sodium-2:6- ditertiarybutylnaphthalene monosulphonate. This chemical, which does not cause constipation, anorexia, drowsiness or other side-effects, is the result of original research.

These characteristics make Becantyl especially valuable for the treatment of useless cough in children and old people.

Becantyl is available in 4 fluid ounce bottles, and also in 40 fluid ounce and 80 fluid ounce dispensing bottles.

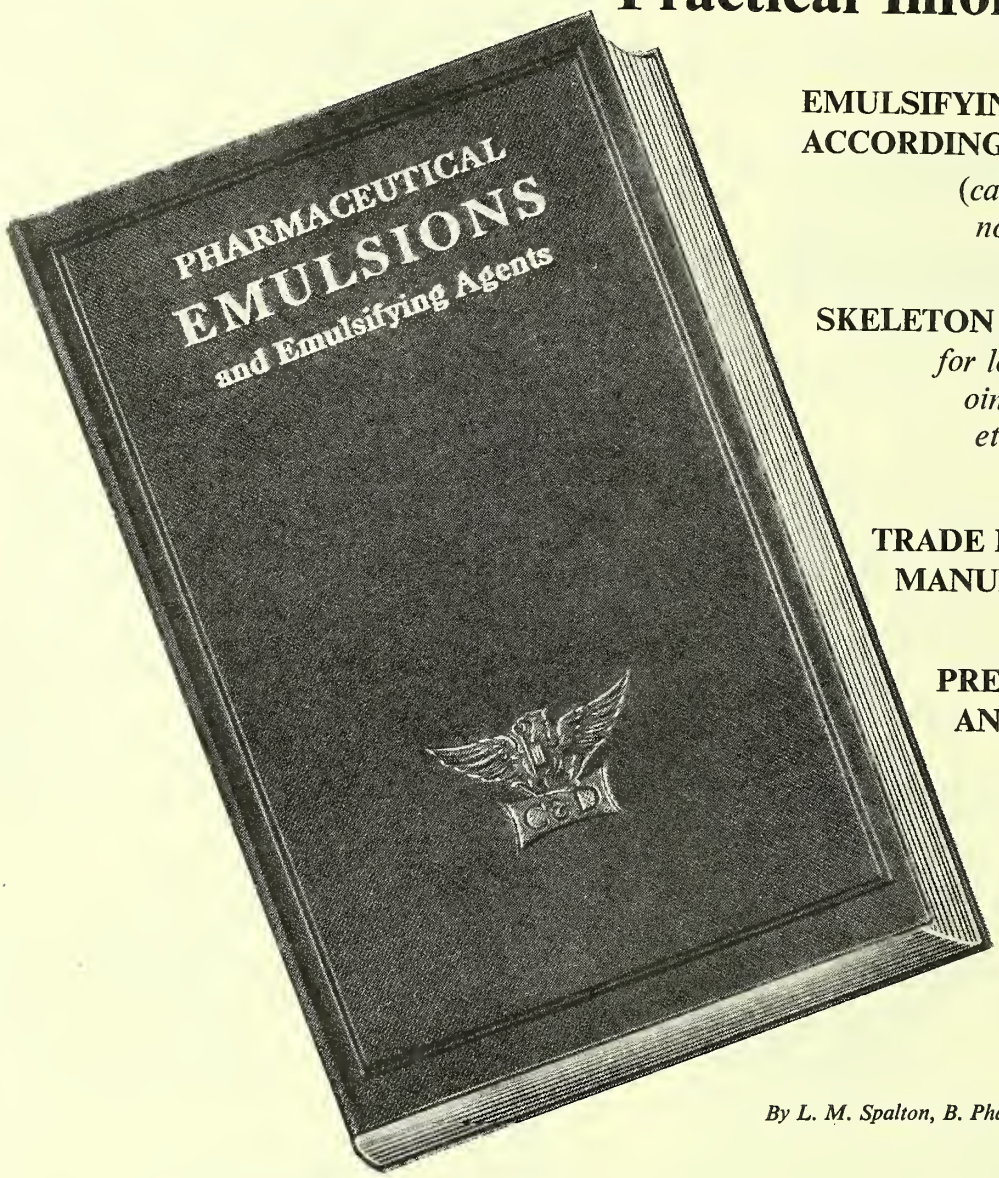
PACK	TRADE PRICE	*Retail Price including purchase tax*
4 fl. oz.	28/- + 8/2d P.T. (*per doz.*)	4/2d each
40 fl. oz.	20/- + 5/10d P.T. (*each*)	35/10d each
80 fl. oz.	36/8d + 10/9d P.T. (*each*)	65/9d each

Becantyl has no B.P. or N.F. equivalent, is not advertised to the public, and may be prescribed on form E.C.10.

BECANTYL

Horlicks Limited
Pharmaceutical Division
Slough Bucks

Basic Theory plus a Wealth of Practical Information



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(cationic, anionic, non-ionic, etc.)

SKELETON FORMULAS
for lotions, creams, ointments, jellies, etc.

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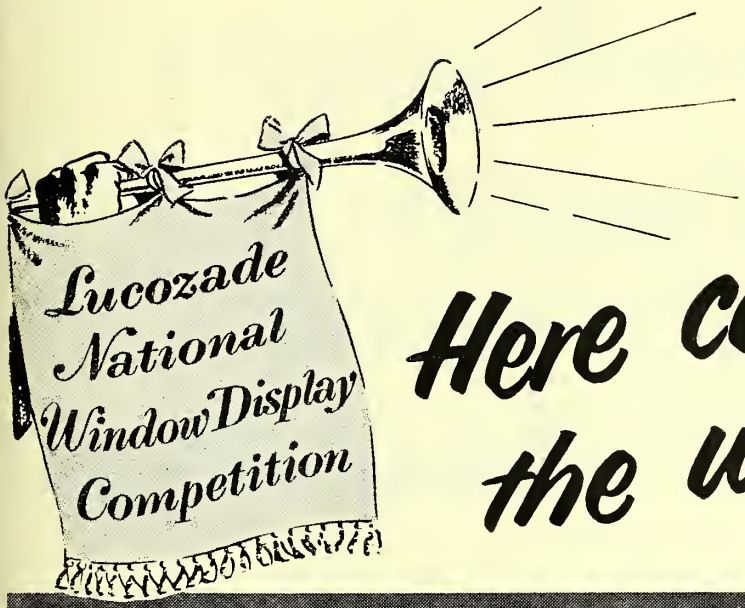

Here come the winners!

1st PRIZE (NATIONAL)	J. Burton Limited, Smithy Row, Nottingham.	2nd PRIZE (NATIONAL)	Mr. A. Davison, M.P.S., 2 Birdsall Row, Redcar, Yorks.

AREA PRIZES

AREA NO. 1
- **1st** Benhams Stores Ltd., Main St., Chobham, Surrey.
- **2nd** R. H. Parker, 35 Clifton Road, W.9.

AREA NO. 2
- **1st** W. E. Clemens, 61 Swan Road, Hanworth, Middx.
- **2nd** Boots Cash Chemists (Eastern) Ltd., Branch 199, 1-2 High St., Head St., Colchester, Essex.

AREA NO. 3
- **1st** S. G. Anderson, The Stores, Gt. Cransden, Sandy, Beds.
- **2nd** W. T. Hind, M.P.S. Park Pharmacy, 78 Queen's Rd., Leicester.

AREA NO. 4
- **1st** H. Wain & Sons Ltd., 156/160 Copnor Rd., Portsmouth, Hants.
- **2nd** Messrs. C. E. Beveridge & Co. Ltd., 7 Railway St., Chatham, Kent.

AREA NO. 5
- **1st** Messrs. Actons, 10 Cornmarket, Worcester.
- **2nd** Mr. J. W. Hillman, 98 Shaftesbury St., Newport, Mon.

AREA PRIZES

AREA NO. 6
- **1st** Boots Cash Chemists Ltd., 15-16 Crown St., Wellington, Salop.
- **2nd** J. C. Lloyd & Sons Ltd., Trench Road, Trench, Salop.

AREA NO. 7
- **1st** A. S. Furniss Ltd., 531 Prescot Road, Liverpool, 13.
- **2nd** St. Helens Co-op, Nut Grove Road, St. Helens, Lancs.

AREA NO. 8
- **1st** Mr. G. W. Bentley, 45 Church Lane, Moldgreen, Huddersfield.
- **2nd** W. H. Chanter, M.P.S., 1009 Wakefield Road, Bradford.

AREA NO. 9
- **1st** Pearsons Food Stores, High Market, Ashington, Northumberland.
- **2nd** Brandon & Byshottles Co-op. Chemists Ltd., 27 High Street, Langley Moor, Durham.

AREA NO. 10
- **1st** E. Taylor, 34 Cairntrod, Peterhead, Aberdeenshire.
- **2nd** Arbroath Co-op. Society Ltd., Guthrie Port, Arbroath.

A full list of these and the third prize winners in each of the above ten areas is available on request from the address given below. All winners have already been notified.

LUCOZADE

the sparkling glucose drink

Selling Agents: **Macleans Ltd., Great West Road, Brentford, Middx.**

royds T45/7

IMPORTANT POLICY ANNOUNCEMENT

Cussons

TALCUM POWDER

Bonus 3-Point Plan

...to increase your winter profits

1 8½% MORE MARGIN

A bonus of 8½% extra profit is offered on all Cussons Talcum Powder ordered for prompt delivery during January and February 1957. See list below.

2 SIX MONTHS CREDIT

All Talcum Powder purchased under this bonus scheme will not be invoiced until July 1st. Six months to sell, repeat and sell again, with no immediate outlay.

3 BUDGET GUARANTEE

Cussons guarantee to cover any losses that will occur by reduction in Purchase Tax in the next Budget. This guarantee applies to all our products so that you can buy in safety with no budget worries.

THESE CUSSONS LINES ARE COVERED BY THE THREE-POINT PLAN

4433	3/-	Imperial Leather Talcum Powder	4453	3/9	Blue Hyacinth Talcum Powder
4448	3/-	Apple Blossom Talcum Powder	4098	1/8	White Cross Baby Powder
4445	2/-	Lilac Blossom Talcum Powder	4456	1/10	Disney Baby Powder
4457	2/-	Damask Rose Talcum Powder	4459	4/-	Flowers of the Vine
4454	2/-	Linden Blossom Talcum Powder	4455	8/6	Boudoir Powder
			4458	3/6	After Shave Talcum Powder

CUSSONS SONS & CO. LTD

KERSAL VALE, MANCHESTER 7

The CHEMIST AND DRUGGIST

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ORRIDGE & COMPANY 184 STRAND, W.C.2 Tel.: TEMple Bar 9212/3 & 6340

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BUSINESSES FOR DISPOSAL

SSEX (London 7 miles). Old-established business in good trading position. Double-fronted hop with first floor and basement. Turnover 7,000-£8,000. Scope for improvement. Audited ccounts. To let or freehold for sale. Reasonble price and s.a.v. Apply Farebrother, Ellis & o., 29 Fleet Street, E.C.4. C 4305

375. Old-established toilet preparation business, resent profits 100 per cent. nett. Big London ores connection. Easily run on small capital. enuine bargain. Reason for selling, premises ot available. Particulars, apply B, 10 Carlton oad, Sidcup, Kent. Foots Cray 7067. C 4303

OR SALE as a going concern. Small group of tail chemist shops in West Country City. pply F. P. Leach & Co., 46 Upper Maudlin reet, Bristol. C 6056

FORD. Good prominent position. Living premises, space for pharmacy. Now drug store but hemist would have big scope for increase of mover. Lease on favourable terms. Box 4332.

/U DRUG STORE, North London. Scope for spensing. No competition. Turnover increasg yearly. 12½ years' lease. £1,200 plus s.a.v. ent £2 10s. per week, exclusive. Reason for lling, ill health. Box C 4294.

ORK. Modern double-fronted pharmacy with le entrance. Good living accommodation bed), garage. Turnover £6,000. No opposition. ent for shop and attached house £142 per num. Price of business, fixtures and fittings, ,120 or offer. S.a.v. (to suit purchaser). Will nsider deposit plus remainder over a period. alliday, 71 Monkton Road (York 53891). C 4334

TENDERS

OUNTY BOROUGH OF BOURNEMOUTH

LETTING OF TWO SHOPS WITH LIVING ACCOMMODATION

TENDERS are invited for a lease for a seven-years period of two shops with living accommodation which have been erected on Leybourne Estate. These shops are to be let for any Trade *other than* Baker, Butcher, Greengrocer, Grocer, Ladies' Hairdressing and Toilet Goods, Newsagent Tobacconist and Sweets. A copy of the lease may be seen at my office, and Tender Forms with further particulars can be obtained from me. Tenders to be returned by February 16.

A. LINDSAY CLEGG, Town Clerk, C 6106

APPOINTMENTS

ANCOATS HOSPITAL, MANCHESTER, 4

Assistant-in-Dispensing or Technician

work in Pharmaceutical Department. Salary accordance with Whitley Scale. Apply in ting, giving particulars and names of two rees, to the General Superintendent. C 6088

BARNET GENERAL HOSPITAL, WELLHOUSE LANE, BARNET, HERTS

Senior Pharmacist and Pharmacist

Applications invited for the posts of Senior Pharmacist (Category V) and Pharmacist. The Pharmacy Department is new and well-equipped. Whitley salary plus London Weighting. Applications stating age, experience, qualifications and names of two referees to the Hospital Secretary immediately C 305

BETHNAL GREEN HOSPITAL, CAMBRIDGE HEATH ROAD, LONDON, E.2

Senior Pharmacist

Immediate vacancy, modernised department, salary as Whitley Council scales. Canteen facilities available. Applications with names of two referees to be addressed to the Hospital Secretary. C 292

CENTRAL MIDDLESEX HOSPITAL, PARK ROYAL, LONDON, N.W.10

Pharmacist or Locum Pharmacist

Applications are invited for the above post. Salary in accordance with Whitley Scales. Applications to Medical Director as soon as possible, stating age, qualifications and experience with names of two referees. C 6099

DULWICH HOSPITAL, EAST DULWICH GROVE, LONDON, S.E.22

Senior Pharmacist

required at above hospital (Category III). There is an association with King's College Hospital Medical School for undergraduate teaching purposes.

Salary and conditions according to Whitley Council agreements.

Applications, with names of two referees, to Group Secretary, Dulwich Hospital, or enquiries direct to Chief Pharmacist. C 6094

HIGHBURY HOSPITAL, BULWELL, NOTTINGHAM

Pharmacist

Applications are invited for Pharmacist, full-time or part-time duties.

The post offers opportunity to obtain experience in pharmaceutical work for surgical, medical, maternity and other types of patients. Salary and conditions of service in accordance with the Pharmaceutical Whitley Council regulations.

Applications, stating age, qualifications, experience, and naming two referees, to be sent to the Secretary. C 297

ST. AUGUSTINE'S HOSPITAL, CHARTHAM, Nr. CANTERBURY

Assistant-in-Dispensing (Male or Female)

required. Previous experience in dispensing desirable. Salary scale £355 to £465 plus £20 p.a. for Certificate of Apothecaries or equivalent qualification. (Lower salary applies until 22 years of age.) Resident accommodation available for female assistant if required. Apply, giving full particulars and naming two referees to the Secretary. C 6059

STAINCLIFFE GENERAL HOSPITAL, DEWSBURY, YORKSHIRE

Senior Pharmacist

Applications are invited for the post of Senior Pharmacist at this hospital which will become vacant in the near future. Salary and conditions of service in accordance with Whitley Council scale.

Applications stating age, qualifications and experience together with the names of two referees should be forwarded to the Administrative Officer at the hospital. C 6062

THE BETHLEM ROYAL HOSPITAL AND THE MAUDSLEY HOSPITAL

(Post-graduate Teaching Hospital for mental and nervous disorders) with which is associated the Institute of Psychiatry, University of London.

Pharmacist

required at the Maudsley Hospital, Denmark Hill, S.E.5. Whitley Council salary scales. Commencing salary between £600 and £730 a year according to age and previous professional experience, rising to an ultimate maximum of £815 a year. Extra payment of £25 a year for higher qualification. For form of application refer to K. J. Johnson, House Governor and Secretary, Maudsley Hospital, Denmark Hill, London, S.E.5. C 6096

THE BOARD OF GOVERNORS, THE HAMMERSMITH, WEST LONDON & ST. MARK'S HOSPITALS

Pharmacist

Applications invited for the post of Pharmacist at THE WEST LONDON HOSPITAL, Hammersmith Road, London, W.6, a general teaching hospital of 230 beds. New Whitley Council salary scale £580—£785 per annum, plus London weighting. Additional £25 if holding higher qualification. Service in retail pharmacy, etc., taken into account in deciding commencing salary. Detailed applications to Secretary. C 6102

THE LONDON HOSPITAL, WHITECHAPEL, E.1

Registered Pharmacist

Vacancy exists for the above post. Salary £500 x £25 (3) x £30 (5)—£725, according to previous experience and service. Dining room facilities available. Write Secretary. C 289

WEST MIDDLESEX HOSPITAL, ISLEWORTH, MIDDLESEX

Assistant-in-Dispensing

required. Whitley salary and conditions applicable.

Applications stating age, qualifications and experience, with names of two referees, to Chief Pharmacist. C 6092

SITUATIONS VACANT

RETAIL (HOME)

DONCASTER CO-OPERATIVE CHEMISTS, LTD., require the services of pharmacist (male or female) as branch manager. Payment on "sales" scale, plus bonus. Salary at smallest branch over £900 per year. Rota payment extra. All shops in prosperous industrial areas where sales increases are possible. 44-hour week. Applications with usual particulars to the Superintendent Chemist, Doncaster Co-operative Chemists, Ltd., P.O. Box 20, Doncaster. C 278

HECKMONDWIKE & DISTRICT CO-OPERATIVE PHARMACY, LTD. Wanted, pharmacist, male or female, for duties in the central pharmacy. Applications in writing, stating age, experience and salary required, to be addressed to the Secretary, Heckmondwike & District Co-operative Pharmacy, Ltd., 3 Oak Street, Heckmondwike. C 4292

LADY ASSISTANT, mainly for help with dispensing, required for main street pharmacy adjacent to station. Superannuation scheme. Please give all details of age, previous experience and approximate salary required to Arnold M. Gee, Ltd, 1543 London Road, Norbury, S.W.16. C 4323

LADY DISPENSER required immediately for rural practice of three doctors doing all dispensing; 6 miles from Norwich; temporary or permanent. Apply Box C 4326.

LADY ASSISTANT, with some dispensing experience, required for family business situated in pleasant area. Superannuation scheme. Please give all details of age, previous experience and approximate salary required to Arnold M. Gee, Ltd., 83 Dedworth Road, Windsor. C 4324

NORTH LONDON. An experienced pharmacist is required for a substantial dispensing business in this area. The shop is attractively fitted with a good supporting staff and accommodation is available if required. Apply with full details stating when available for interview to Box C 4328.

PORTSMOUTH. Pharmacy branch manager or manageress required for pharmacy section of departmental store. Wages based on sales, at present £16 2s. 6d. (male) per week, plus rota fees, prescription and sales bonus. Superannuation fund, sick pay, etc. Applications in writing giving details of age, experience, etc., to the Personnel Manager, Portsea Island Mutual Co-operative Society, Limited, 110 Fratton Road, Portsmouth. C 4268

SOUTHPORT. Unqualified assistant required, mainly for dispensing, occasional counter duties. Male or female, male preferred. Can wait for right person. Also young lady, living within the area, with some experience of drug and cosmetic counters required part- or full-time. Please state details of experience. Box C 4330.

SOUTHALL. Pharmacist of ability required to manage attractive and modern shop with substantial salary and bonus. Good supporting staff and well-equipped dispensary. Permanency with superannuation benefits. Flat accommodation available if desired. Apply, stating full details and when available for interview to Box C 4327.

RETAIL (OVERSEAS)

APPLICATIONS INVITED from experienced pharmacists for position with old-established chemists and druggists in British East Africa. Five years agreement, but any coastal service reduces the term by 14 days per month for each month served at the coast. Salary £100 to £125 per month dependent upon experience. Assisted housing at coastal centres, 5 months' leave on full pay at end of term or alternative of one month's full pay at end of term or alternative of one month's leave per annum, a proportion of which may be accumulated to end of contract. Passage paid both ways. Contributory provident fund. Write for interview giving age, qualifications, experience, whether married, any family, to W. A. Sparrow & Co., Ltd., 4-7 Chiswell Street, London, E.C.1. C 6100

LOCUMS WANTED

LOCUM TENENS PHARMACIST of experience required to undertake several months tour of duties in the London area. Expenses and salary basis. Applications in first instance to Chief Pharmacist, Grange Road, Leyton, E.10. C 4329

WHOLESALE

A LEADING HOUSE (manufacturers) specialising in hairdressers' bulk supplies and retail lines, has vacancies in the following areas: South Wales, Metropolitan Area, Cornwall, Devon, Midlands, and Northumberland. Only TOP-GRADE representatives are invited to apply for the positions, which could be either salaried or on commission basis. Box C 4316.

ALLIED LABORATORIES LIMITED

Vacancies exist for medical representatives in established areas adjacent to London postal districts. Previous experience not necessary but applicants must have pharmaceutical background. Training will be given for these permanent progressive positions. Salary, expenses, commission; and pension scheme operated. Full details in strict confidence to Allied Laboratories, Ltd., 140 Park Lane, London, W.1. C 6108

AN ESTABLISHED Pharmaceutical Company of highest repute marketing a range of nationally known products to wholesale and retail chemists requires four additional representatives to cover: 1, S. Lancs, Cheshire and N. Wales; 2, West Riding of Yorkshire, Derbyshire and Nottinghamshire; 3, Hertfordshire, Essex and N.E. London; 4, Surrey and S.E. London. Payment is by salary. Pension and incentive bonus schemes are in operation, all expenses paid and a Company car provided. Gentlemen with a pharmaceutical background, with or without experience of representation, who reside on the appropriate territory, should apply in confidence, giving details of age, experience and salary required, to Box C 6107.

AN INTERESTING CAREER MEDICAL REPRESENTATION

A first-class opportunity is offered to young men of ability to enter upon an interesting and progressive career.

The field of medical representation is one which calls for intelligence, imagination and initiative of the highest order and which in return offers a real sense of achievement and excellent prospects of financial advancement.

A well-established, go-ahead pharmaceutical company dealing in ethical preparations is interested in receiving applications from young men under 40 who feel they have the necessary technical background and wish to participate in the further expansion of the Company.

Car, superannuation and life cover in addition to salary and bonus incentive scheme and expenses are offered.

If you have the ambition to become a Medical Representative with the Company, please write, giving full particulars, to Box C 6075.

CALMIC, LIMITED, require experienced medical representative for the Tyneside area. Knowledge of the area and experience in the field of medical propaganda essential. Good salary. All expenses plus car allowance. Pension scheme. Write for interview giving full details to the Medical Division Manager, Calmic, Limited, Crewe Hall, Crewe. C 6077

C. E. FULFORD, LTD., invite application from Sales Representative resident in or near Newcastle-on-Tyne to cover chemists Durham to Mid-Lothian. Write giving details of experience to date, present salary, etc., to Sales Manager, C. E. Fulford, Ltd., Carlton Hill, Leeds. C 6095

COSMETIC FIRM of world repute has two vacancies, (1) for a fully qualified chemist with extensive experience in cosmetic chemistry as assistant to the chief chemist, (2) for a young chemist qualified or working for qualification with some experience in cosmetic chemistry. Good salary, 5-day week, subsidized canteen. Please give full details to Box C 4315.

DIRECTORSHIPS available to well-qualified medical representatives able to successfully detail new ethical proprietary. No investment required but appointment subject to satisfactory completion of probationary period of three months without salary. Box C 4337.

FIRST CLASS opportunities for experienced representatives for manufacturers of widely publicised cleaning preparations, calling on chemists, department stores, etc. Salary, expenses and commission. Apply Coliclean, Ltd., 79 Leghorn Road, London, N.W.10. C 4318

IMPERIAL CHEMICAL INDUSTRIES LTD., invites applications from men with a sound medical or pharmaceutical background, between 25 and 35 years of age, for Medical Representative work. The successful candidate, after an initial period of training, will be posted to a territory in the Home Counties and will be directly responsible to a pharmaceutical Sales Manager with headquarters in London. Applications with full particulars should be addressed to the Staff Manager, Imperial Chemical Industries, Ltd., Pharmaceuticals Division, Fulshaw Hall, Wilmslow, Cheshire. C 6105

MEGGESON & CO., LTD. REPRESENTATIVE

Due to the impending retirement of Mr. W. A. C. Attwood, a vacancy will shortly arise on the representative staff of this Company. The area involved broadly covers London W., N.W. and Middlesex. The remuneration is by salary and commission. All expenses are paid and a contributory pension fund is available. Residence on or near the territory is essential. Applicants having suitable experience and preferably a knowledge of the areas are invited to send full particulars to the Sales Manager, Meggeson & Co., Ltd., Chessington Hall, Chessington, Surrey. C 610

MEDICAL REPRESENTATIVE required to cover Yorkshire/Durham/Northumberland area. Applicants between 25 and 40 years of age will be considered and a good pharmaceutical background is an important asset. Previous experience as medical representative not essential as full instruction will be given. Please state age and salary required. Box C 302.

MEDICAL REPRESENTATIVES

Vacancies have occurred with one of the large Pharmaceutical Manufacturers for additional Medical Representatives based in the following areas:—

(a) South Wales,
(b) Manchester,
(c) Leeds/Sheffield.

The positions offer scope for young men who have Pharmaceutical qualifications or those having Pharmaceutical background.

A good salary will be paid to the successful applicants and a car will be provided.

A non-contributory Pension and Life Assurance Scheme is in operation.

Apply with full details of career to date, age, etc., to Box C 6046, quoting reference MR/SML.

NATIONALLY known rubber manufacturers require travellers calling on Midland, South London and Southern Counties wholesale chemists on a commission basis. Replies please in confidence to Box C 6101.

NORTH LONDON manufacturing and wholesale chemists require order clerk used to telephone. 5-day week, canteen facilities. Write Box C 6097.

REPRESENTATIVE for Scotland required by well-known company to call on chemists, ladies' hairdressers and stores. Applicants should reside in the Glasgow area and have experience in the trade. A new car will be provided. A good salary will be offered to the right man together with commission and all expenses. Write in confidence stating age, experience and remuneration earned to Sales Manager, Evans Williams Co., Ltd., Aintree Road, Perivale, Greenford, Middlesex. C 60

PHARMETHICALS (LONDON) LTD.,
Sole distributors for Schering A.G. Berlin
MEDICAL REPRESENTATIVES

Expansion demands additions to our team of Medical Representatives. Vacancies exist based on the following centres: Durham, Sheffield, London, Nottingham, Bristol, Cardiff and Belfast.
Applications are invited, preferably from Pharmacists or other suitably qualified or technical men. As residence upon territory is desirable, please state in first letter territory required. A young organisation invites appreciation of initiative combined with ability. Previous experience is of value but not essential. A training course is given in London. Good salary, expenses and modern car, combined with an enlightened staff policy, promotes a progressive and satisfactory future.
Apply, giving full details, to: The Technical Director, Pharmethicals (London) Ltd., 18 Great Portland Street, London, W.1. C 6089

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Situations Vacant—Continued

HARMACIST (F.P.S.) required for galenical anufacturing and assaying of official preparaons. Apply in confidence stating experience, e and salary required to: Managing Director, . H. Legat, Ltd., Manufacturing Chemists, ay Street, Bolton, Lancs. C 4320

PHARMACEUTICAL FORMULATION MANAGER

THE DISTILLERS COMPANY (BIOCHEMICALS), LTD.

Applications are invited for the new position of Manager to take charge of Pharmaceutical Formulation on a manufacturing scale with the above Company at Speke, Liverpool. The Company manufactures an expanding range of pharmaceutical products and candidates for the vacant position should have an extensive knowledge of modern pharmaceutical formulation techniques with the appropriate academic qualifications for this senior appointment.

Salary according to qualifications and experience; three weeks' annual holiday; non-contributory pension scheme; canteen and social facilities. Write giving full particulars of experience and education to: The Personnel Manager, The Distillers Company (Biochemicals), Limited, Fleming Road, Speke, Liverpool, 19. Quote Ref. 1/57. C 6063

EPRESENTATIVE required to call on hosals and the medical profession in the Proices. Must be young and energetic. Pharmatical qualification or training essential. plications in writing to Chas. F. Thackray, d., Wholesale Manufacturing Chemists and kers of Surgical Instruments and Hospital uipment, Park Street, Leeds, 1. C 4286

EQUIRED, all parts of the country, repretatives desiring to carry bulk and packed letries manufactured by a firm of high repute the gentlemen's hairdressing trade on a good mmission only basis. Box C 6070.

LES REPRESENTATIVE required for West England and South Wales to take over nection with retail and wholesale chemists, , selling nationally advertised cosmetics. st live on territory and be car owner. Liberal ary, commission, expenses and pension eme. Write fully stating present earnings to x C 4319.

OTLAND. A long established tablet manuturing house is requiring a representative for tland. Salary, commission, expenses. Car vided. Details of experience to Box C 4310.

BLET MAKER. Vacancy occurs for an exienced worker capable of handling expensive iety of tablet products. Write first instance ng details of experience, salary, etc. H. & T. by & Co., Ltd., Belton Road, Willesden en, N.W.2. C 6090

AGENTS WANTED

AGENTS required to sell 'Lavasan' the 2-oz. fragrant lavatory bowl block. Sells easily, repeats quickly. Now retailing at 1s. 3d. in the U.K. Three types of commission. 1, We deliver, 10 per cent.; 2, You deliver, 15 per cent.; 3, Sell and deliver on your own account, 20 per cent. Free sample from Vapar Chemical Co., Ltd., Abbot Street, Kingsland High Street, London, E.8. C 4321

MANUFACTURERS of nationally advertised cosmetics and perfume distributors offer a progressive opportunity to a responsible agent for Kent, Surrey and Sussex with good connections in stores, chemists and hairdressers. Liberal commission and contribution to expenses. Write in confidence giving experience, etc., to B.G.P. (Cosmetics), Ltd., 37 Chesham Place, London, S.W.1. C 6103

MANUFACTURERS of nationally advertised cosmetics and perfume distributors offer a progressive opportunity to a responsible agent in Scotland with good connections in stores, chemists and hairdressers. Liberal commission and contribution to expenses. Write in confidence giving experience, etc., to B.G.P. (Cosmetics), Ltd., 37 Chesham Place, London, S.W.1. C 6073

SITUATIONS WANTED

RETAIL (HOME)

UNQUALIFIED MALE, aged 41, desires change in Birmingham, 28 years' experience; retail pharmacy, including dispensing, window dressing and counter work. Excellent references. Box C 4309.

YOUNG MAN, 25, good education, sound professional and commercial background, desires to enter private retail business as trainee. Capital available for investment in one needing expansion, after preliminary trial. Box C 4311.

WHOLESALE

AUSTRALIA. Young sales executive with long experience in medical representation, leaving for Australia end March, seeks position with Australian subsidiary of U.K. ethical house. Would willingly undergo training in U.K. during interim period. Write Box C 4312.

CHEMIST SUNDRIES REPRESENTATIVE, 27 years old, 11 years one firm, desires position based in Cheltenham. Suggestions. Box C 4325.

DOES ANY FIRM require very experienced sales executive where his organising ability and practical common sense would be of value. Box C 4307.

EXPERIENCED REPRESENTATIVE, 50, seeks position owing to present firm disbanding sales force. London area preferred. Box C 4306.

OPPORTUNITY WANTED. Young man, aged 31, pharmaceutical background, six years all retail departments, has initiative, enterprise, seeks advancement into representative field, London area (or Suburbs). Box C 4313.

REPRESENTATIVE (42), sound connection Midland chemists, etc., over 11 years. Proved salesman, conscientious, experienced medical propaganda, toilet and cosmetic experience. Box C 4301.

REPRESENTATIVE seeks additional line for chemists, hairdressers, stores, and gift shops. Live connections wholesale and retail. Territories South Coast, Surrey, Berkshire, Oxon. Commission basis. Box C 4298.

WELL-KNOWN SALES REPRESENTATIVE, experienced in merchandising high-class toilet lines seeks new situation covering Department Stores and Chemists. Valuable connection Hampshire, Dorset, Wiltshire and familiar West Country, South Wales and Bristol Areas. Now living Southampton. Car owner. Age 32. Sales increases last four years available. Interview anywhere. Extensive knowledge sales correspondence and sales promotion. Box C 4335.

WORKS MANAGER, 20 years' experience cosmetics and pharmaceuticals, sound knowledge of chemistry buying and engineering, seeks change. Box C 4290.

BUSINESS OPPORTUNITIES

EXCEPTIONAL OPPORTUNITY for enterprising concern with national sales coverage to acquire and develop unique aromatic edible proprietary (registered) with indisputable proof of potentialities. Non-seasonable, untaxed, uncompetitive and superbly presented (patented packing). Without publicity and distributive facilities, present turnover is small but significant. Cash and royalty basis. Principals only. Box C 4331.

FOR RHEUMATISM. A new, astonishingly effective, home spa treatment, used at Marienbad, and other well-known centres with strong and extensive medical recommendation, is now available for marketing in Great Britain, the Empire and U.S.A. Separate distribution rights open for negotiation. This is not just another "remedy." Apply Box C 4338.

IRISH MANUFACTURERS and distributors with premises in Dublin, having over 25 years' connection with wholesale and retail chemists throughout Eire, wish to offer their services to any firm interested in entering this market. Box C 4314.

THE CO-OPERATION of a well-established firm, with modern manufacturing and distributing facilities, is sought for the development of new chemotherapeutic agents. Interested principals should reply briefly, outlining interests, to Box C 4308.

TO ETHICAL MANUFACTURERS. We specialise in medical detailing to doctors and hospitals in Lancashire, Cheshire, Shropshire, North Wales. Good contacts and maximum results. Distribution of samples and mailing. All N.H.S. and private doctors covered. Details from Box C 4317.

WANTED

ALL KINDS OF BOTTLES, JARS, SCREW CAPS, cartons, packaging materials and manufacturers' stocks of all kinds bought at fair prices for spot cash. We are buyers of merchandise of EVERY DESCRIPTION. Clearance Stocks. Discontinued lines. Surplus and Redundant Stocks. Should you have anything for disposal, please send us samples and particulars. Reliance Trading Co., 75 Fairfax Road, Swiss Cottage, London, N.W.6. C 153

LARGEST CASH BUYERS of photographic equipment of every description, outdated film and paper, etc. Spears, 14 Watling St., Shudehill, Manchester, 4. Phone: Blackfriars 1916. Bankers: Midland Bank, Ltd. C 306

WANTED: Any quantity Goy "Studio" perfume. Postage paid. Please write Box C 4336.

WANTED. Open-top drums, 40-gall. steel drums. Also wood barrels. Roach, 41 Hawkwood Crescent, E.4. Silverthorn 3148. C 4333

WE WILL PURCHASE for cash a complete stock, a redundant line, including finished or partly finished goods, packing raw materials, etc. No quantity too large. Our representative will call anywhere. Write or telephone:—Lawrence Edwards & Co., Ltd., 6/7 Wellington Close, Ledbury Road, London, W.11. Tel.: Bayswater 4020 and 7692. C 140

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PARTNERSHIP required in good business, preferably in Bucks, Berks, or Oxon. With definite view to complete control in a reasonable period. Immediate down payment for part share up to half. Further interest to be given yearly in lieu of salary and profits. Well experienced, unqualified. Replies in confidence to Box C 4302.

TENDERS

The Director-General, India Store Department (MIS.2), Government Building, Bromyard Avenue, London, W.3, invites tenders for the supply of 780,000 ampoules in clear neutral glass. Forms of Tender, which are returnable on Monday, February 18, 1957, may be obtained from this office (CDN Branch), upon payment of a fee of 10s. 0d., which is not returnable. Reference No. 809/56/8 (CDN) must be quoted in all applications. C 6093

PUBLIC NOTICE

I HEREBY UNDERTAKE to supply to any customer requesting "Meda 500" gastric tablets only tablets of that description manufactured by V. B. & G. Products, of 16 Queen Street, Leicester.
Robert Glenton, M.P.S.,
258 Victoria Road, East, Leicester.
C 4322

MISCELLANEOUS

SUPPOSITORY EXCIPIENTS "IMHAUSEN"—in five different grades to suit individual needs—available from Chemicals Trading Company, Ltd., 102 Bishopsgate, London, E.C.2. C 300

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HODGES & MOSS, LTD.,
Castle Gates, Shrewsbury. C 6084

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W. A. WHATMOUGH, B.Sc., Ph.C., F.R.I.C.

No pharmacist, in whatever branch he is engaged, can afford to be without these two volumes, which together form a veritable encyclopædia of poisons law. They provide complete information on what the authorised seller of poisons should do in every situation covered by the Poisons Rules and Dangerous Drugs regulations and enable poisons to be supplied without the slightest anxiety. Order these essential volumes NOW!

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The CHEMIST AND DRUGGIST
JANUARY 19 1957

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